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FORTY-THIRD ANNUAL REPORT
OF THE
CINCINNATI
CHAMBER OF COMMERCE
AND
MERCHANTS' EXCHANGE,
FOR THE
COMMERCIAL YEAR ENDING AUGUST 31, 1891.



CINCINNATI:
THE OHIO VALLEY COMPANY, PRINTERS,
Nos. 137 to 143 Race Street.
1892.

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CINCINNATI CHAMBER OF COMMERCE.

OFFICERS FOR 1890-91.*President:*

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First Vice-President:

JOSEPH R. BROWN.

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*Directors:**FOR ONE YEAR.*

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 ROBERT LAIDLAW,
 EDWARD SENIOR.

FOR TWO YEARS.

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 HARRY L. LAWS,
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Secretary:

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Superintendent:

SIDNEY D. MAXWELL.

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C. M. HOLLOWAY (Two Years),

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HENRY C. URNER (One Year),

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Second Vice-President:

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 HARRY L. LAWS,
 DAWSON BLACKMORE.

FOR TWO YEARS.

THOMAS W. ALLEN,
 J. MILTON BLAIR,
 ROBERT W. WISE,
 FRANK A. BROWN,
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Treasurer:

GEORGE H. BOHRER.

Secretary:

JAMES T. McHUGH.

Superintendent:

CHARLES B. MURRAY.

* This Board was abolished by amendments to the By-laws, May 20, 1891.

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H. S. FECHHEIMER,	PERIN LANGDON,	RICHARD T. PULLEN,	

Appeals :

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ARCHER BROWN,	E. F. FULLER,	NICHOLAS J. HOBAN,	ROBERT SIMPSON,
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VAL. P. COLLINS,	JOHN GOETZ, JR.,	M. E. LYNN,	

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Arbitration :

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O. B. FARRELLY,	WM. SCHUBERTH, JR.,	OLIVER L. PERIN,	CHAS. M. VAN CLEEF,
PAUL M. MILLIKIN.	JOHN P. GALE,	HERMAN GOEPPER,	LEE R. KECK.
JOHN W. HARPER,	JOHN F. HAZEN,	CHAS. G. KINGSBURY,	

INSPECTION COMMITTEES FOR 1890-91.

<i>On Grain</i>	WILLIAM HARVEY, CHAIRMAN; GEORGE H. ROVER, JOSEPH GOOD, PETER VAN LEUNEN, JAMES T. MCHUGH.
<i>On Flour</i>	MICHAEL KNAUL, CHAIRMAN; THEOBALD FELSS, ADAM SMYRL, JOHN B. HEID, B. W. GALE.
<i>On Provisions</i>	J. V. MAESCHER, CHAIRMAN; JOSEPH RAWSON, JR., H. H. MEYER, HOLDEN DAVIS, FRED. SCHROTH.
<i>On Whisky</i>	CHARLES H. JACOB, CHAIRMAN; HANS VAN NES, S. W. PRITZ, HARRY M. LEVY, GEORGE HUBBELL.
<i>On Hay</i>	J. W. VAN LEUNEN, CHAIRMAN; CHAS. S. FISHER, B. HEILE, H. CLIFFORD FITHIAN, BERNARD GROTE.
<i>On Coal</i>	HENRY IMMENHORT, JR., CHAIRMAN; FRANK A. BROWN, JOSEPH SERENA, ROBERT P. GILLHAM, JAMES A. BLACKMORE
<i>On Cloth</i>	J. T. CAREW, CHAIRMAN; HENRY DETMER, ALEX. OFFNER, ALFRED SEASONGOOD, WILLIAM A. HOPPLE.
<i>On Lumber</i>	F. B. MCFARLAN, CHAIRMAN; T. E. LIVEZEY, H. P. WIBORG, WILLIAM GRIFFITH, WILLIAM A. BENNETT.
<i>On Public Weighing</i>	JAMES A. LOUDON, CHAIRMAN; B. W. WASSON, THOMAS A. WRENN, A. C. MARTIN, JOSIAH L. DRAKE.

INSPECTION COMMITTEES FOR 1891-92.

<i>On Grain</i>	J. N. WOOLISCROFT, CHAIRMAN; JOSEPH GOOD, H. L. GOEMANN, A. C. MARTIN, F. F. COLLINS.
<i>On Flour</i>	MICHAEL KNAUL, CHAIRMAN; GEORGE F. MUNSON, LYMAN PERIN, JR., CHARLES W. SCHMIDT, FREDERICK W. BRAUER.
<i>On Provisions</i>	M. D. THOMPSON, CHAIRMAN; WILLIAM H. DAVIS, SIGMUND FRIETSCH, ADOLPH SANDER, JAMES K. MORRISON.
<i>On Whisky</i>	GEORGE F. DIETERLE, CHAIRMAN; CASPER H. ROWE, CHRIST. SANDHEGER, SOLOMON W. PRITZ, ANDREW PFIRRMANN.
<i>On Hay</i>	JOHN W. FISHER, CHAIRMAN; H. B. HONNIGFORT, HENRY ROTERT, JAS. W. DYE, JAMES W. ELLIS.
<i>On Coal</i>	PETER R. BUDD, CHAIRMAN; OSCAR F. BARRETT, OTTO MARMET, ALEX. MONTGOMERY, WILLIAM M. HUBBELL.
<i>On Cloth</i>	A. B. VOORHEIS, CHAIRMAN; CHARLES M. THURNAUER, ABE BLOCK, J. T. CAREW, MAY FECHHEIMER.
<i>On Lumber</i>	T. E. LIVEZEY, CHAIRMAN; J. W. COTTERAL, JR., CHAS. C. BOYD, ALEX. HILL, JOHN STREIGHT.
<i>On Public Weighing</i>	JAMES A. LOUDON, CHAIRMAN; PETER VAN LEUNEN, C. GUCKENBERGER, JOHN D'NHOLTER, J. CHAS. McCULLOUGH.

COMMITTEES ON QUOTATIONS FOR RECORD OF PRICES CURRENT.

1891-92.

<i>Butter</i>	G. V. STEVENSON, HENRY VOGEL.
<i>Candles</i>	MICHAEL SCHWARTZ, RUFUS A. COWING.
<i>Cattle, Hogs and Sheep</i>	J. F. EVERSMAN.
<i>Cheese</i>	S. J. STEVENS, JAMES MCFARLAN.
<i>Coal and Coke</i>	M. E. LYNN, SOL. P. KINEON, J. T. JOHNSON, JAMES H. WILLIAMS.
<i>Cooperage & Coopers' Stuff</i>	NICHOLAS J. HOBAN, STEPHAN HAUSER, JR., R. J. WYMOND.
<i>Eggs</i>	ALLEN W. LETT, GEORGE A. ROOT.
<i>Flour</i>	B. W. GALE, ADAM SMYRL, JOHN B. HEID.
<i>Freight, Railroad</i>	C. R. BRENT, J. B. KING, A. H. PAPE, J. B. CLANCEY.
<i>Freight, River</i>	A. J. MOSSET, J. C. DORMAN, D. W. SHEDD, MATTHEW MCGUIRE.
<i>Fruits, Dried</i>	R. A. HOLDEN, JR., GEORGE O. BROWN.
<i>Fruits, Green</i>	SAMUEL WEIL, JR., JOHN CURREN.
<i>Grain</i>	GEORGE H. ROVER, CHAS. S. MAGUIRE, JOHN BELL, MAXWELL KENNEDY, S. R. VOORHEES, GROVE J. PENNEY.
<i>Groceries</i>	CHARLES H. FLACH, WILLIAM G. HILL, CHARLES W. HEITMEYER.
<i>Hay</i>	J. H. HERMESCH, H. LEE EARLY.
<i>Iron</i>	CHAS. H. DOMHOFF, ARCHER BROWN, SAMUEL JOSEPH, EDWARD C. HALL.
<i>Lumber</i>	F. B. MCFARLAN, SAMUEL H. TAFT, JOHN W. BOYD, EDWARD ROBERTS, H. P. WIBORG.
<i>Mill Feed</i>	ALBERT C. GALE, CHARLES L. GARNER, WILLIAM RIEKER.
<i>Oils, Lard</i>	RUFUS BURCKHARDT.
<i>Oils, Cotton Seed</i>	WALTER H. FIELD.
<i>Oils, Linseed</i>	SAMUEL LOWRY.
<i>Petroleum</i>	E. B. STANLEY, HENRY WAGNER.
<i>Potatoes</i>	J. P. McCABE, HENRY LAHMANN.
<i>Provisions</i>	RICHARD RYAN, JOHN WOESTEN, ROBERT MONTGOMERY.
<i>Salt</i>	A. P. KERN, H. P. PIPER, JAMES MUNCE.
<i>Seeds</i>	H. B. PATTERSON, H. G. STOMS, E. F. HARMAYER.
<i>Tallow and Grease</i>	J. M. McCABE, JOHN E. STONE, W. H. WASHINGTON.
<i>Tobacco</i>	W. G. MORRIS, GEORGE W. MORGAN.
<i>Whisky</i>	MAX SENIOR, JOHN WHITE, J. W. BILES, L. O. MADDUX.

1890-91.	INSPECTORS.	1891-92.
HOMER CHISMAN.	<i>*Grain :</i>	HOMER CHISMAN.
MONROE IZOR.	<i>Flour :</i>	MONROE IZOR.
JAMES O'NEILL.	<i>Provisions :</i>	JAMES O'NEILL.

1890-91.		†PUBLIC WEIGHERS.	1891-92.	
D. C. LAFFERTY,	JOHN MUELLER,	D. C. LAFFERTY,	PATRICK TIGHE,	
E. G. BRUNCKHORST,	WILLIAM ROBINSON,	G. H. HENNEKES,	JOHN W. CHARLS.	
G. H. HENNEKES,	HARRY H. MADDEX,	R. E. SECRIST,	W. C. LODGE,	
R. E. SECRIST,	PATRICK TIGHE,	SAMUEL E. PARKER,	JOHN SCHERER,	
SAMUEL E. PARKER,	W. C. LODGE,	WILLIAM ROBINSON.	JOHN MUELLER,	
STANLEY J. MOORE,	J. B. C. MOORES.	HARRY H. MADDEX,	HENRY WEBER,	
HENRY WEBER,	JOHN W. CHARLS,	WILLIAM McALLISTER,	W. S. DEUEL.	
WILLIAM McALLISTER.				

INSPECTORS, GAUGERS AND MEASURERS.

1890-91.		1891-92.	
<i>Oils, Liquors, and Liquids Generally:</i>			
ROBERT FOERSTER,	HENRY R. WIETHOFF.	ROBERT FOERSTER,	HENRY R. WIETHOFF,
JOSEPH L. RHINOCK.		JOSEPH L. RHINOCK.	

1890-91.	COAL GAUGERS.	1891-92.
A. L. BAKER,	A. J. COOK,	A. L. BAKER,
ISAAC W. GRUBBS.		ISAAC W. GRUBBS.
		A. J. COOK.

* Including Mill Feed.

† By action of the Board of Directors, of February 3, 1891, weighers of the Chamber of Commerce are not permitted to weigh commodities in which they are interested as buyers or sellers.

DELEGATES TO THE NATIONAL BOARD OF TRADE.

1890-91.

JOHN A. GANO,
LOWE EMERSON,
JOHN B. PEASLEE,
LEVI C. GOODALE,
EARL W. STIMSON,
WM. H. DAVIS.
HARRY W. BROWN,
JOHN A. TOWNLEY,
RICHARD DYMOND,
CHARLES B. MURRAY,
JAMES M. DOHERTY,

1891-92.

JOHN A. GANO,
F. A. LAIDLEY,
JAMES D. PARKER,
F. M. STIMSON,
BELLAMY STORER,
CHARLES B. MURRAY.
LEVI C. GOODALE,
LEE R. KECK,
B. W. GALE,
GEORGE H. ROVER,
E. P. WILSON,

COMMITTEES ON TRANSPORTATION.

1890-91.

EARL W. STIMSON, CHAIRMAN.
BRADFORD SHINKLE, J. L. WORKUM,
HARRY W. BROWN, JAMES J. HOOKER.

1891-92.

EARL W. STIMSON, CHAIRMAN.
BRADFORD SHINKLE, J. L. WORKUM,
HARRY W. BROWN, JAMES J. HOOKER.

COMMITTEE ON WORLD'S COLUMBIAN EXPOSITION.

W. H. DOANE, CHAIRMAN.
E. V. CHERRY, JOHN W. HARPER, EDWARD C. HALL, F. A. WRIGHT.

PORK PACKERS' ASSOCIATION OF CINCINNATI.

1890-91.	OFFICERS.	1891-92.
H. H. MEYER.	<i>President:</i>	H. H. MEYER.
	<i>Vice-Presidents:</i>	
MATHEW RYAN.	BENJAMIN F. EVANS.	MATHEW RYAN.
GEORGE SLIMER.		GEORGE SLIMER.
B. FRANK DAVIS.	<i>Treasurer:</i>	B. FRANK DAVIS.
SIDNEY D. MAXWELL.	<i>Secretary:</i>	CHARLES B. MURRAY.

CINCINNATI FREIGHT BUREAU.

1890-91.	OFFICERS.	1891-92.
RICHARD DYMOND.	<i>President:</i>	RICHARD DYMOND.
EARL W. STIMSON.	<i>Vice-Presidents:</i>	JAMES J. HOOKER.
ALBERT B. VOORHEIS.	<i>Treasurer:</i>	ALBERT B. VOORHEIS.
CHARLES S. MAGUIRE.	<i>Secretary:</i>	CHARLES S. MAGUIRE.

1890-91.	EXECUTIVE COMMITTEES.	1891-92.
RICHARD DYMOND,	BRADFORD SHINKLE,	RICHARD DYMOND,
EARL W. STIMSON,	RICHARD T. PULLEN,	EARL W. STIMSON,
CHARLES S. MAGUIRE,	WM. McCALLISTER,	CHARLES S. MAGUIRE,
ALBERT B. VOORHEIS,	JOHN A. COCHRAN,	ALBERT B. VOORHEIS,
LEE H. BROOKS,	J. P. GALE,	LEE H. BROOKS,
THOMAS MORRISON,	MAXWELL KENNEDY,	THOMAS MORRISON,
JAMES J. HOOKER,	HARRY W. BROWN,	JAMES J. HOOKER,
G. H. BURROWS,	J. L. WORKUM,	G. H. BURROWS,
JOHN GOETZ, JR.,	E. C. GOSHORN.	JOHN GOETZ, JR.,
	<i>Commissioner:</i>	
E. P. WILSON.		E. P. WILSON.

1890-91.	COMMITTEES.	1891-92.
	<i>Assessments:</i>	
RICHARD DYMOND,	CHARLES S. MAGUIRE,	RICHARD DYMOND,
J. L. WORKUM.		J. L. WORKUM.
	<i>Rates:</i>	
EARL W. STIMSON,	G. H. BURROWS,	EARL W. STIMSON,
JAMES J. HOOKER.		JAMES J. HOOKER.
	<i>Car Service:</i>	
MAXWELL KENNEDY,	J. P. GALE,	MAXWELL KENNEDY,
E. C. GOSHORN,	WM. McCALLISTER,	E. C. GOSHORN,
JOHN A. COCHRAN.		WM. McCALLISTER.
	<i>Transportation Facilities:</i>	
JAMES J. HOOKER,	G. H. BURROWS,	JAMES J. HOOKER,
THOMAS MORRISON,	EARL W. STIMSON,	THOMAS MORRISON,
RICHARD T. PULLEN.		RICHARD T. PULLEN.

OFFICERS OF THE CHAMBER OF COMMERCE

FROM ITS ORGANIZATION.

Officers from October, 1839, to January, 1840.*President*—Griffin Taylor.*Vice-Presidents*—R. G. Mitchell, Peter Neff, S. B. Findley, John Reeves, Thos. J. Adams, Jacob Strader.*Treasurer*—B. W. Hewson.*Secretary*—Henry Rockey.**Officers for 1840.***President*—Griffin Taylor.*Vice-Presidents*—R. G. Mitchell, John Reeves, Peter Neff, Thomas J. Adams, S. B. Findley, Samuel Trevor.*Treasurer*—B. W. Hewson.*Secretary*—Henry Rockey.**Officers for 1841.***President*—Lewis Whiteman.*Vice-Presidents*—Thomas J. Adams, S. B. Findley, Peter Neff, Samuel Trevor, R. G. Mitchell, S. O. Butler.*Treasurer*—B. W. Hewson.*Secretary*—Henry Rockey.**Officers for 1842.***President*—Roland G. Mitchell.*Vice-Presidents*—S. O. Butler, James Pullan, L. Worthington, Thomas J. Adams, Samuel Trevor, John Reeves.*Treasurer*—B. W. Hewson.*Secretary*—Henry Rockey.**Officers for 1843.***President*—Thomas J. Adams.*Vice-Presidents*—A. M. Taylor, R. W. Lee, Samuel Fosdick, James Pullan, R. B. Bowler, Nathan Sampson.*Treasurer*—S. C. Parkhurst.*Secretary*—Henry Rockey.**Officers for 1844.***President*—Thomas J. Adams.*Vice-Presidents*—M. R. Taylor, R. W. Lee, Calvin Fletcher, W. B. Alford, Jas. C. Hall, Nathan Sampson.*Treasurer*—S. C. Parkhurst.*Secretary*—Henry Rockey.**Officers for 1845.***President*—James C. Hall.*Vice-Presidents*—Benjamin Urner, Geo. H. Bates, George H. Hartwell, J. P. Tweed, R. W. Lee, Lewis Einstein.*Treasurer*—William Manser.*Secretary*—Henry Rockey.**Officers for 1846-47.***President*—James C. Hall.*Vice-Presidents*—R. W. Lee, Benjamin Urner, N. W. Thomas, Charles Hartshorne, L. Worthington, L. B. Harrison.*Treasurer*—George Milne.*Secretary*—William D. Gallagher.*Superintendent*—A. Peabody.**Officers for 1847-48.***President*—James C. Hall.*Vice-Presidents*—N. W. Thomas, Charles Hartshorne, Benjamin Urner, Lewis Whiteman, Joseph Torrence, S. C. Parkhurst.*Treasurer*—George Milne.*Secretary*—Channing Richards.*Superintendent*—A. Peabody.**Officers for 1848-49.***President*—N. W. Thomas.*Vice-Presidents*—Joseph Torrence, Henry Emerson, R. M. W. Taylor, Robert Brown, Charles Hartshorne, D. M. Foster.*Treasurer*—George Milne.*Secretary*—Channing Richards.*Superintendent*—A. Peabody.**Officers for 1849-50.***President*—N. W. Thomas.*Vice-Presidents*—D. M. Foster, Henry Emerson, W. B. Cassilly, Joseph Torrence, S. P. Hall, George Keck.*Treasurer*—George Milne.*Secretary*—Richard Smith.*Superintendent*—Richard Smith.**Officers for 1850-51.***President*—N. W. Thomas.*Vice-Presidents*—Henry Emerson, William Hooper, Briggs Swift, W. B. Cassilly, M. B. Ross, Jos. Torrence.*Treasurer*—George Milne.*Secretary*—Richard Smith.*Superintendent*—Richard Smith.**Officers for 1851-52.***President*—N. W. Thomas.*Vice-Presidents*—Henry Emerson, W. W. Scarborough, John Swasey, George Keck, William Hooper, C. W. West.*Treasurer*—George Milne.*Secretary*—Richard Smith.*Superintendent*—Richard Smith.**Officers for 1852-53.***President*—N. W. Thomas.*Vice-Presidents*—George Keck, R. W. Keys, S. P. Hibberd, Edmund Dexter, C. W. West, Henry Emerson.*Treasurer*—George Milne.*Secretary*—Richard Smith.*Superintendent*—Richard Smith.**Officers for 1853-54.***President*—N. W. Thomas.*Vice-Presidents*—Edmund Dexter, L. B. Harrison, C. W. West, S. Davis, Jr., Robert Andrews, S. P. Hibberd.*Treasurer*—George Milne.*Secretary*—Richard Smith.*Superintendent*—Richard Smith.

Officers for 1854-55.

President—R. M. W. Taylor.
Vice-Presidents—George Shillito, Briggs Swift, R. W. Keys, Charles Davis, Robert Hosea, A. D. E. Tweed.
Treasurer—George Milne.
Secretary—Richard Smith.
Superintendent—William Smith.

Officers for 1855-56.

President—James F. Torrence.
Vice-Presidents—Charles Davis, James McKeehan, John Swasey, Robert Hosea, A. D. E. Tweed, Lowell Fletcher.
Treasurer—Robert Brown.
Secretary—Richard Smith.
Superintendent—William Smith.

Officers for 1856-57.

President—Joseph Torrence.
Vice-Presidents—P. Andrew, J. D. Lehmer, A. D. E. Tweed, S. Davis, Jr., Isaac A. Ogborn, William Glenn.
Treasurer—Robert Brown.
Secretary—Richard Smith.
Superintendent—William Smith.

Officers for 1857-58.

President—Joseph Torrence.
Vice-Presidents—William Glenn, Seth Evans, George F. Davis, P. Andrew, James A. Frazer, Isaac A. Ogborn.
Treasurer—Robert Brown.
Secretary—Richard Smith.
Superintendent—William Smith.

Officers for 1858-59.

President—Joseph Torrence.
Vice-Presidents—George F. Davis, Seth Evans, P. Andrew, Isaac A. Ogborn, W. C. Neff, William Shaffer.
Treasurer—Robert Brown.
Secretary—Richard Smith.
Superintendent—William Smith.

Officers for 1859-60.

President—Joseph Torrence.
Vice-Presidents—John A. Dugan, Benjamin Eggleston, Morris Orum, Isaac A. Ogborn, Thomas H. Foulds, Sam. J. Hale.
Treasurer—Robert Brown.
Secretary—Richard Smith.
Superintendent—William Smith.

Officers for 1860-61.

President—J. W. Sibley.
Vice-Presidents—John Dubois, R. A. Jones, Thos. Ong, Morris Orum, John A. Dugan, Sam. J. Hale.
Treasurer—Robert Brown.
Secretary—John A. Gano.
Superintendent—William Smith.

Officers for 1861-62.

President—Joseph C. Butler.
Vice-Presidents—B. P. Baker, Isaac A. Ogborn, N. Goldsmith, J. D. Minor, Lewis Fagin, S. W. Smith.
Treasurer—George Keck.
Secretary—John A. Gano.
Superintendent—William Smith.

Officers for 1862-63.

President—George F. Davis.
Vice-Presidents—William Henry Davis, N. Goldsmith, Isaac A. Ogborn, A. E. Armstrong, Thomas H. Foulds, James M. Glenn.
Treasurer—George Keck.
Secretary—John A. Gano.
Superintendent—William Smith.

Officers for 1863-64.

President—George F. Davis.
Vice-Presidents—Isaac A. Ogborn, E. P. Coe, N. Goldsmith, Thomas H. Foulds, W. D. Chipman, James M. Glenn.
Treasurer—George Keck.
Secretary—John A. Gano.
Superintendent—William Smith.

Officers for 1864-65.

President—George F. Davis.
Vice-Presidents—Isaac A. Ogborn, S. W. Smith, Thos. H. Foulds, Seth Evans, S. C. Newton, Wm. H. Woods.
Treasurer—George Keck.
Secretary—John A. Gano.
Superintendent—William Smith.

Officers for 1865-66.

President—Theodore Cook.
Vice-Presidents—S. C. Newton, William H. Gilpin, C. Taylor Jones, Andrew Erkenbrecher, Sam. J. Hale, Thomas H. Foulds.
Treasurer—William Shaffer.
Secretary—John A. Gano.
Superintendent—William Smith.

Officers for 1866-67.

President—S. C. Newton.
Vice-Presidents—E. W. Cunningham, M. W. Stone, Oliver Perlin, Wm. H. Davis, Wm. H. Gilpin, S. J. Hale.
Treasurer—William Shaffer.
Secretary—John A. Gano.
Superintendent—William Smith.

Officers for 1867-68.

President—John A. Gano.
Vice-Presidents—Oliver Perlin, M. W. Stone, John D. Minor, H. Morris Johnston, William Henry Davis, Florence Marmet.
Treasurer—William Shaffer.
Secretary—George McLaughlin.
Superintendent—William Smith.

Officers for 1868-69.

President—John A. Gano.
Vice-Presidents—William Henry Davis, H. Morris Johnston, Florence Marmet, J. H. French, S. F. Covington, Abner L. Frazer.
Treasurer—William Shaffer.
Secretary—George McLaughlin.
Superintendent—William Smith.

Officers for 1869-70.

President—John A. Gano.
Vice-Presidents—S. F. Covington, Abner L. Frazer, W. J. Lippincott, B. W. Wasson, H. Wilson Brown, William Henry Davis.
Treasurer—Jason Evans.
Secretary—J. M. W. Neff.
Superintendent—William Smith.

Officers for 1870-71.

President—Charles W. Rowland.
Vice-Presidents—John Morrison, H. Wilson Brown,
 S. F. Covington, L. T. Barr, B. W. Wasson, John
 S. Sloan.
Treasurer—Jason Evans.
Secretary—D. L. Garrison.
Superintendent—William Smith.

Officers for 1871-72.

President—Charles W. Rowland.
Vice-Presidents—James M. Glenn, John Kyle, John
 Morrison, L. J. Workum, J. R. Reed, Howard Eckert.
Treasurer—William Shaffer.
Secretary—N. S. Jones.
Superintendent—Sidney D. Maxwell.

Officers for 1872-73.

President—S. F. Covington.
Vice-Presidents—M. W. Stone, J. C. Crane, Seth
 Evans, W. D. Chipman, J. M. Wallingford, Samuel
 V. Reid.
Treasurer—William Shaffer.
Secretary—William T. Tibbitts.
Superintendent—Sidney D. Maxwell.

Officers for 1873-74.

President—S. F. Covington.
Vice-Presidents—C. M. Holloway, George F. Ire-
 land, Samuel V. Reid, Alfred C. Thomas, George
 B. Weidler, John H. Porter.
Treasurer—William Shaffer.
Secretary—William T. Tibbitts.
Superintendent—Sidney D. Maxwell.

Officers for 1874-75.

President—C. M. Holloway.
Vice-Presidents—Edmund Dexter, George B. Weld-
 ler, James S. Wise, Alfred C. Thomas, Peter A.
 White, L. C. Weir.
Treasurer—Warren Rawson.
Secretary—Charles B. Murray.
Superintendent—Sidney D. Maxwell.

Officers for 1875-76.

President—C. M. Holloway.
Vice-Presidents—Edmund Dexter, William Harvey,
 Thomas G. Smith, George F. Ireland, Peter A.
 White, Henry J. Page.
Treasurer—Briggs Swift.
Secretary—Brent Arnold.
Superintendent—Sidney D. Maxwell.

Officers for 1876-77.

President—Benjamin Eggleston.
Vice-Presidents—William J. Armel, James Gordon,
 Joseph R. Megrue, John W. Hartwell, Henry J. Page,
 William H. Gilpin.
Treasurer—Briggs Swift.
Secretary—Brent Arnold.
Superintendent—Sidney D. Maxwell.

Officers for 1877-78.

President—John W. Hartwell.
Vice-Presidents—George I. King, Frederick A. Laid-
 ey, Joseph R. Megrue, Thomas Morrison, James D.
 Parker, Lewis L. Sadler.

Officers for 1877-78—Cont'd.

Treasurer—Florence Marmet.
Secretary—Enoch Taylor.
Superintendent—Sidney D. Maxwell.

Officers for 1878-79.

President—William N. Hobart.
Vice-Presidents—Briggs S. Cunningham, James S.
 Wise, William Means, Thomas Morrison, Charles N.
 Fox, John W. Christy.
Treasurer—Florence Marmet.
Secretary—John H. Long.
Superintendent—Sidney D. Maxwell.

Officers for 1879-80.

President—H. Wilson Brown.
Vice-Presidents—Briggs S. Cunningham, Herman
 Goepper, William H. Gilpin, Mathew Ryan, Wm.
 A. Procter, William W. Taylor.
Treasurer—James Espy.
Secretary—John H. Long.
Superintendent—Sidney D. Maxwell.

Officers for 1880-81.

President—Henry C. Urner.
Vice-Presidents—John H. Long, Herman Goepper,
 William Harvey, Paul F. Mohr, Samuel McKeehan,
 William W. Taylor.
Treasurer—John Kyle.
Secretary—James H. Foote.
Superintendent—Sidney D. Maxwell.

Officers for 1881-82.

President—Henry C. Urner.
Vice-Presidents—William Harvey, Samuel Mc-
 Keehan, Lewis O. Maddux, Daniel Stone, Thomas
 L. Macdonald, Morgan H. Fagin.
Treasurer—John Kyle.
Secretary—John H. Long.
Superintendent—Sidney D. Maxwell.

Officers for 1882-83.

President—James D. Parker.
Vice-Presidents—W. W. Peabody, Michael Ryan,
 Frank Kinsey, Richard H. Cost, Nicholas Curtis,
 J. N. Woollscroft.
Treasurer—John A. Townley.
Secretary—Charles B. Murray.
Superintendent—Sidney D. Maxwell.

Officers for 1883-84.

President—W. W. Peabody.
First Vice-President—Lewis L. Sadler.
Second Vice-President—Adolph Wood.
Directors—For One Year—Frank Kinsey, Richard H.
 Cost, Chas. Fleischmann, B. Frank Davis, F. X. Reno.
For Two Years—Stephen F. Dana, Sam'l Bailey, Jr.,
 Henry J. Page, William V. Ebersole, Chas. H. Jacob.
Treasurer—John A. Townley.
Secretary—Charles B. Murray.
Superintendent—Sidney D. Maxwell.
Board of Real Estate Managers—W. W. Peabody,
 President; Henry C. Urner (four years), John Car-
 lisle (three years), A. Hickenlooper (two years),
 Seth C. Foster (one year).

Officers for 1884-85.*President*—W. W. Peabody.*First Vice-President*—Adolph Wood.*Second Vice-President*—Adam Gray.*Directors*—*For One Year*—Stephen F. Dana, Samuel Bailey, Jr., Henry J. Page, William V. Ebersole, Charles H. Jacob.*For Two Years*—C. C. Waite, Lewis W. Shaffer, Grove J. Penney, Henry DeBus, Henry M. Warren.*Treasurer*—Herman Goepper.*Secretary*—Charles B. Murray.*Superintendent*—Sidney D. Maxwell.*Board of Real Estate Managers*—W. W. Peabody, President; John Kyle (four years), Henry C. Urner (three years), John Carlisle (two years), A. Hickenlooper (one year).**Officers for 1885-86.***President*—Edwin Stevens.*First Vice-President*—Adam Gray.*Second Vice-President*—Levi C. Goodale.*Directors*—*For One Year*—C. C. Waite, Lewis W. Shaffer, Grove J. Penney, Henry DeBus, Henry M. Warren.*For Two Years*—L. H. Brooks, John A. Kreis, Wm. E. Hutton, Ralph Peters, Sol. P. Kineon.*Treasurer*—Chas. H. Flach.*Secretary*—Charles B. Murray.*Superintendent*—Sidney D. Maxwell.*Board of Real Estate Managers*—Edwin Stevens, President; James M. Glenn (four years), John Kyle (three years), Henry C. Urner (two years), John Carlisle (one year).**Officers for 1886-87.***President*—A. Hickenlooper.*First Vice-President*—Levi C. Goodale.*Second Vice-President*—C. C. Waite.*Directors*—*For One Year*—L. H. Brooks, John A. Kreis, William E. Hutton, Ralph Peters, Sol. P. Kineon.*For Two Years*—John M. Kirtley, Augustus H. Honshell, William L. Hunt, Frank Evans, Joseph Rawson, Jr.*Treasurer*—Richard Ryan.*Secretary*—Ambrose White.*Superintendent*—Sidney D. Maxwell.*Board of Real Estate Managers*—A. Hickenlooper, President; John Carlisle (four years), James M. Glenn (three years), John Kyle (two years), Henry C. Urner (one year).**Officers for 1887-88.***President*—Levi C. Goodale.*First Vice-President*—C. C. Waite.*Second Vice-President*—Lowe Emerson.*Directors*—*For One Year*—John M. Kirtley, Augustus H. Honshell, William L. Hunt, Frank Evans, Joseph Rawson, Jr.*For Two Years*—Joseph R. Brown, G. V. Stevenson, Sam. W. Weidler, Paris C. Brown, Charles R. Brent.*Treasurer*—Albert Erkenbrecher.*Secretary*—William E. Hutton.*Superintendent*—Sidney D. Maxwell.*Board of Real Estate Managers*—Levi C. Goodale, President; Henry C. Urner (four years), John Carlisle (three years), James M. Glenn (two years), John Kyle (one year).**Officers for 1888-89.***President*—Thomas Morrison.*First Vice-President*—Lowe Emerson.*Second Vice-President*—Richard Dymond.*Directors*—*For One Year*—Joseph R. Brown, G. V. Stevenson, Sam. W. Weidler, Paris C. Brown, Charles R. Brent.*For Two Years*—J. Walter Freiberg, A. H. McLeod, William McCallister, John F. Hazen, John N. Wooliscroft.*Treasurer*—William L. Hunt.*Secretary*—Paul M. Millikin.*Superintendent*—Sidney D. Maxwell.*Board of Real Estate Managers*—Thomas Morrison, President; John Kyle (four years), Henry C. Urner (three years), John Carlisle (two years), James M. Glenn (one year).**Officers for 1889-90.***President*—Lee H. Brooks.*First Vice-President*—Richard Dymond.*Second Vice-President*—Joseph R. Brown.*Directors*—*For One Year*—J. Walter Freiberg, A. H. McLeod, William McCallister, John F. Hazen, John N. Wooliscroft.*For Two Years*—Samuel J. Hale, George F. Munson, William Montgomery, Robert Laidlaw, Edward Senior.*Treasurer*—Gazzam Gano.*Secretary*—H. B. Morehead.*Superintendent*—Sidney D. Maxwell.*Board of Real Estate Managers*—Lee H. Brooks, President; Samuel Bailey, Jr. (four years), C. M. Holloway (three years), Henry C. Urner (two years), John Carlisle (one year).**Officers for 1890-91.***President*—Lowe Emerson.*First Vice-President*—Joseph R. Brown.*Second Vice-President*—Ralph Peters.*Directors*—*For One Year*—Samuel J. Hale, George F. Munson, William Montgomery, Robert Laidlaw, Edward Senior.*For Two Years*—Frank A. Rothier, Benj. F. Haughton, John M. Kennedy, Harry L. Laws, Dawson Blackmore.*Treasurer*—Samuel W. Ramp.*Secretary*—N. R. Adriance.*Superintendent*—Sidney D. Maxwell.*Board of Real Estate Managers*—Lowe Emerson, President; John Grubb (four years), Samuel Bailey, Jr. (three years), C. M. Holloway (two years), Henry C. Urner (one year).**Officers for 1891-92.***President*—Joseph R. Brown.*First Vice-President*—Ralph Peters.*Second Vice-President*—Michael Ryan.*Directors*—*For One Year*—Frank A. Rothier, Benj. F. Haughton, John M. Kennedy, Harry L. Laws, Dawson Blackmore.*For Two Years*—Thomas W. Allen, J. Milton Blair, Robert W. Wise, Frank A. Brown, B. W. Wasson.*Treasurer*—George H. Bohrer.*Secretary*—James T. McHugh.*Superintendent*—Charles B. Murray.

* Died March 20, 1889. C. M. Holloway elected to fill vacancy April 23, 1889.

CHARTER AND BY-LAWS
OF THE
CINCINNATI CHAMBER OF COMMERCE
AND
MERCHANTS' EXCHANGE.

ORGANIZED 1839.

CHARTERED 1850.

CHARTER.

AN ACT

To Incorporate the Cincinnati Chamber of Commerce and Merchants' Exchange.

SECTION 1. *Be it Enacted by the General Assembly of the State of Ohio, That* Nicholas W. Thomas, Dunning M. Foster, Henry Emerson, William B. Cassilly, Joseph Torrence, S. P. Hall, George Beck, George Milne and Richard Smith, and their associates, be and they are hereby created a body corporate and politic, with perpetual succession, by the name and style of the Cincinnati Chamber of Commerce and Merchants' Exchange; and by that name shall be competent to contract and be contracted with, to sue and be sued, to plead and be impleaded, answer and be answered unto, defend and be defended, in all courts and places, and in all matters whatever, with full powers to acquire, hold, possess, use, occupy, and enjoy, by gift, grant, devise, or otherwise, and the same to sell, convey, and dispose of, all such real estate and other property as may be necessary and convenient for the support and transaction of business of said Chamber of Commerce, or which may be conveyed to the same for the security or in payment of any debts which may become due and owing to said Chamber of Commerce, or in satisfaction of any judgment at law, or any decree of a court of equity in its favor, and may make, have, and use a common seal, and the same break, alter, and renew at pleasure, provided that the property, funds, and revenues of said Chamber of Commerce shall not be used for any other than the purposes of a Chamber of Commerce.

SEC. 2. That the real and personal estate, property, funds, revenues, and other concerns of said Chamber of Commerce, and the administration of its affairs, shall be under the exclusive direction of the active members of said Chamber of Commerce, who shall, on the second Tuesday of September, annually, at such time of the day and at such place in the City of Cincinnati as the officers for the time being shall appoint, which officers shall be members of said Chamber of Commerce, choose a Board of Officers consisting of a President, six Vice-Presidents, Treasurer and Secretary, who shall hold their offices for one year

and until their successors shall be chosen. The members of said Chamber of Commerce shall fill all vacancies in the Board of Officers during the year, and also shall have power to make by-laws and regulations for the government of said Chamber of Commerce, annex reasonable pecuniary fines as a penalty for the breach thereof, and do all such other acts as appertain to the Chamber of Commerce. The Board of Officers shall appoint a Superintendent and such other agents as they shall deem fit and expedient, provided no by-laws, rules, or regulations shall in any wise be contrary to the Constitution and laws of the State or of the United States.

SEC. 3. This act shall be taken and received in all courts, and by all judges, magistrates, and other public officers, as a public act, and all printed copies of the same, which shall be printed by or under the authority of the General Assembly, shall be admitted as good evidence thereof, without any other proof whatever.

BENJAMIN F. LEITER,
Speaker of the House of Representatives.

CHARLES C. CONVERSE,
Speaker of the Senate.

MARCH 23, 1850.

SECRETARY OF STATE'S OFFICE,
COLUMBUS, O., October 11, 1853.

I, William Trevitt, Secretary of State of the State of Ohio, do hereby certify that the foregoing and annexed act is correctly copied from the original rolls remaining on file in this office.

In testimony whereof, I have hereunto subscribed my name and affixed the great seal of the State of Ohio, at Columbus, this eleventh day of October, A. D. 1853.

WILLIAM TREVITT,
Secretary of State.

ADDITIONAL CHARTER PRIVILEGES.

On the third day of April, 1866, the Legislature of the State of Ohio enacted a law, entitled "An Act to Authorize the Incorporation of Boards of Trade and Chambers of Commerce," the eleventh section of which reads as follows:

"Any board of trade or chamber of commerce, heretofore organized in this State, may avail itself of the privileges and powers, in whole or in part, conferred by this act, by making a certificate of its adoption thereof, under its seal, and attested by the signature of the president and secretary; which said certificate shall be filed in the office of the Secretary of State, and recorded in the county where such board or chamber may exist, and, when so recorded, shall confer all the privileges and powers so defined."

In accordance with the foregoing section, the Cincinnati Chamber of Commerce and Merchants' Exchange, on the 21st day of May, 1866, adopted the sixth (6), seventh (7), eighth (8) and ninth (9) sections of the said act, which thus became a part of the corporate powers of the Association. These sections of the law were as follows:

SECTION 6. It shall be lawful for such corporation, when they shall think proper, to receive and require of and from their officers, whether elected or appointed, good and sufficient bonds for the faithful discharge of their duties and trusts; and the president, vice-president, or secretary, are hereby authorized to administer such oaths of office as may be prescribed in the by-laws of such corporation; such bond or bonds shall be made payable and conditioned as prescribed by the by-laws of such corporation; and may be sued, and the moneys collected and held for the use of the party injured, or such other use as may be determined upon by said corporation.

SEC. 7. The annual meeting of such boards of trade or chambers of commerce for the election of officers and other purposes, shall be held at such time in each year as the association shall by their by-laws prescribe. But if, for any cause, a failure to hold such annual meeting shall occur, then the annual meeting and election of officers may be held at such time and place as may be appointed by the majority of the board of directors, upon thirty days' notice by the president or secretary being published in any newspaper of general circulation in the town or city in which such corporation may be located. Meetings of the directors and business meetings of such association shall be held in accordance with the by-laws of such association.

SEC. 8. The board of directors shall control, manage and conduct the financial and business concerns of the association. They shall annually, one month after their election, or at any other meeting of their body thereafter, appoint such inspectors, gaugers, weighers, measurers, and other officers and employees as the by-laws may require, or as they may deem expedient and necessary, for the term of one year, subject to removal at the discretion of the board.

SEC. 9. Every inspector, gauger, weigher or measurer appointed by any association organized under this act, shall be recognized as a legally appointed officer, for the duties pertaining to his position, in the city and county wherein such association may be located, and shall be subject to all the provisions and penalties of the laws of this State. The certificate of such appointee, as to his official acts, shall be evidence and binding upon the persons interested.

ACCEPTANCE OF THE PROVISIONS OF THE REVISED STATUTES.

On the twelfth day of March, 1883, the Association accepted any and all the provisions of the Revised Statutes of the State of Ohio, so far as the same relate to boards of trade and chambers of commerce, by which it practically abandoned its old Charter and became a corporation under the present Constitution of the State of Ohio, and the laws made in pursuance thereof, and on the thirteenth day of March, 1883, adopted the By-laws which appear in this volume, and which thereby became a substitute for the Constitution that had been in force from 1873.

SECTION OF THE REVISED STATUTES, AUTHORIZING THE ACCEPTANCE OF THE PROVISIONS OF THE SAME BY CORPORATIONS EXISTING PRIOR TO THE PRESENT CONSTITUTION OF OHIO.

SEC. 3233. A corporation created before the adoption of the present constitution, and now actually doing business, may accept any of the provisions of this title, and when a certified copy of such acceptance is filed with the Secretary of State, so much of its charter as is inconsistent with the provisions of this title is hereby repealed.

CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE,
CINCINNATI, March 12, 1883.

At a regular session of the Cincinnati Chamber of Commerce and Merchants' Exchange, held this day, the following resolution was offered, and on motion unanimously adopted:

Resolved, By the Cincinnati Chamber of Commerce and Merchants' Exchange, that it does hereby accept any and all provisions relating to corporations, of the Revised Statutes of Ohio, so far as the same relate to boards of trade or chambers of commerce, and that a certified copy of this acceptance be filed with the Secretary of State of the State of Ohio, duly certified by the officers of this Chamber.

[SEAL.]

J. D. PARKER, *President*.

CHARLES B. MURRAY, *Secretary*.

UNITED STATES OF AMERICA, OHIO,
OFFICE OF THE SECRETARY OF STATE.

I, James W. Newman, Secretary of State of the State of Ohio, do hereby certify that the foregoing is a true copy of the Articles of Acceptance of the provisions of the Revised Statutes of Ohio, relating to corporations, so far as the same relate to boards of trade or chambers of commerce, by "The Cincinnati Chamber of Commerce and Merchants' Exchange," filed in this office, on the 19th day of March, 1883, and recorded in volume —, pages —, of the Records of Incorporation.

In testimony whereof, I have hereunto subscribed my name and affixed my seal of office, at Columbus, the 10th day of April, A. D. 1883.

[SEAL.]

JAMES W. NEWMAN,
Secretary of State.

COPY OF SECTIONS OF THE REVISED STATUTES PERTAINING TO BOARDS OF
TRADE, CHAMBERS OF COMMERCE, ETC.

SEC. 3827. The officers of an incorporated board of trade, chamber of commerce or merchants' exchange, shall consist of a president, two vice-presidents, treasurer, secretary, and not less than ten directors, all of whom shall be members of the association, and be engaged in business at, or residents of, the city or town where it is established; they shall be elected by ballot at the annual meeting of the association, and shall hold their offices for one year, unless said association shall by its by-laws provide a longer term for all or any of said officers, and until their successors are elected and qualified; the officers thus selected, together with said directors, shall constitute the board of directors of such association; and all other officers, agents or committees deemed necessary for the interests of the association, shall be elected or appointed in such manner and with such powers as may be provided by the by-laws of the association. And in like manner said association may have the power to provide for the trial, suspension, fine or expulsion of any of its members by the board of directors constituted as hereinbefore provided. And said association may make provision for the relief and support of the families and dependents of deceased members.

SEC. 3828. Such corporations may constitute and appoint committees of reference and arbitration, and committees of appeals, who shall be governed by such rules and regulations as may be prescribed in rules or by-laws for the settlement of such matters of reference as may be voluntarily submitted for arbitration by members of the association, or by other persons not members thereof.

SEC. 3829. Such corporations may receive and require of and from their officers, whether elected or appointed, good and sufficient bonds for the faithful discharge of their duties and trusts, which bonds shall be conditioned and made payable as prescribed by the by-laws of the corporations, and may be sued (on), and the money collected and held for the use of the party injured, or such other use as may be determined upon by the corporation; and the president, a vice-president, or the secretary of any such corporation, may administer such oaths of office as may be prescribed in its by-laws.

SEC. 3830. Every inspector, gauger, weigher or measurer appointed by any such association shall be recognized as a legally appointed officer, for the duties pertaining to his position, in the city and county wherein the association is located, and shall be subject to all the provisions and penalties of the laws relating to such officers; and the certificate of such appointee, as to his official acts, shall be evidence and binding upon the persons interested.

*SEC. 3830a. Every inspector, gauger, weigher or measurer appointed by any board of trade or chamber of commerce heretofore or hereafter organized in this State, may appoint one or more deputies, to be approved by the board of directors or board of officers of such board of trade or chamber of commerce, and the said inspector, gauger, weigher or measurer may take from his deputy a bond, with sureties, conditioned for the faithful performance of the duties of the appointment, but in all cases said inspector, gauger, weigher, or measurer shall be responsible for his deputy's neglect of duty or misconduct in office.

SEC. 3831. Any board of trade or chamber of commerce heretofore organized in this State may avail itself of the privileges and powers, in whole or in part, conferred by the three preceding sections, by making a certificate of its adoption thereof, under its seal, and attested by the signatures of its president and secretary, which shall be filed in the office of the Secretary of State, and, when so filed, shall confer all the privileges and powers so defined.

SEC. 3832. Any such incorporated association may purchase or lease suitable grounds, and erect thereon such buildings as the board of directors deem proper for the interest of the association; and such association may lease any portion of such building that is not occupied by or needed for its immediate use.

* Supplemental section, passed April 6, 1883.

BY-LAWS.

ADOPTED MARCH 18, 1888. AMENDED MAY 20, 1891.

P R E A M B L E.

The members of the Cincinnati Chamber of Commerce and Merchants' Exchange, an Association organized and incorporated to collect information in relation to commercial, financial, and industrial affairs, that may be of general interest and value; to secure uniformity in commercial laws and customs; to facilitate business intercourse; to promote equitable principles, as well as the adjustment of differences and disputes, in trade, adopt the following By-laws:

ARTICLE I.

M E M B E R S H I P.

SECTION 1. This Association shall comprise active and honorary members.

SEC. 2. Any person of good character, and of lawful age, on the proposal of one member, seconded by another, and on presentation of a written application stating the nature of his business, and such other information as the Board of Directors may require, after ten days' notice of such application has been conspicuously posted upon the bulletin board of the Exchange, may be admitted to active membership, if elected by the Board of Directors, on presentation of a certificate of unimpaired or unforfeited membership duly transferred to him, and on signing an agreement to abide by the By-laws, Rules and Regulations of the Association, and all amendments that may be made thereto. In the event of an application for membership being rejected by the Board of Directors, a subsequent application for the same party shall not be entertained during a period of six months from the date of the first application of the said party.*

SEC. 3. The Board of Directors may, by unanimous vote, admit to honorary membership any person who, from eminence, shall seem entitled to such consideration; and such honorary membership shall confer all the rights and privileges of active members during life, unless withdrawn for cause. But not more than one person shall be so admitted in any one year.

Honorary members.

* As amended August 19, 1886, by the addition of the last sentence in this section.

ARTICLE II.

GOVERNMENT.

Government of
the Association;
how vested.

Board of Directors;
terms of office.

Exception for
Board of Directors
elected in 1883.

Beginning of official
terms.

Members eligible
to hold office,
etc.

SECTION 1. The government of the Cincinnati Chamber of Commerce and Merchants' Exchange is hereby vested in a Board of Directors, consisting of the President, two Vice-Presidents, the Treasurer, the Secretary and ten Directors, who shall be elected by ballot as hereinafter provided. The term of office of the President, Treasurer, and Secretary shall be for one year, or until their successors are elected and qualified. The term of office of the Vice-Presidents and the Directors shall be for two years, or until their successors are elected and qualified. *Provided*, that at the annual election in the year 1883, there shall be elected the President, one Vice-President, the Treasurer, the Secretary, and five Directors to serve for one year, and one Vice-President and five Directors to serve for two years; and that thereafter there shall be annually elected such officers as may be necessary to fill the vacancies caused by the expiration of the respective official terms.

SEC. 2. The official terms of all members of the Board of Directors shall begin on the Monday succeeding their election.

SEC. 3. No member shall be eligible to election as a member of the Board of Directors who has not been a member of the Association for at least one year preceding his election. Nor shall any person be eligible to election to any office, or to appointment upon any committee, who is not directly and actively engaged in mercantile, manufacturing, transportation, banking, insurance or kindred pursuits.

ARTICLE III.

ELECTIONS.

Annual election.

Polls, when open.

Voting: who can
vote, and how.

Tellers.

SECTION 1. The annual election to supply the places of the officers and Directors whose terms of office are about to expire, shall be held at the annual meeting. The polls shall be opened at 12 o'clock M., and closed at 3 o'clock P. M. All members in good and regular standing shall be entitled to vote. All voting shall be by ballot, and proxies shall not be allowed. A plurality of votes cast shall constitute a choice.

SEC. 2. The President shall, prior to any election of the Association, appoint from the members five tellers, who shall have charge of the ballot-boxes and poll lists. It shall be the duty of the tellers to receive the ballots of all members entitled to vote, to make a list

of all members voting, to canvass the votes immediately after each election, and to make a return of the result thereof to the President or Secretary. Three of the tellers shall constitute a quorum for receiving and recording the votes. The Secretary shall preserve all ballots for at least two months after an election, for further examination, if the same shall be ordered by the Board of Directors, to verify the returns made by the tellers.

Ballots, preserved for two months.

SEC. 3. Upon the third Tuesday in August in every year, the Association shall elect, by ballot, a nominating committee of fifteen members, who shall nominate candidates for all of the offices to be filled at the annual election on the second Tuesday in September following. The nominations so made shall be publicly announced on 'Change, and posted on the bulletin board, at least six days before the day of election. No person shall be eligible for any of the offices to be filled whose name shall not have been publicly announced on 'Change, and posted on the bulletin board, at least two days before the day of election.

Nominating committee.

Nominations to be announced and posted.

ARTICLE IV.

DUTIES OF OFFICERS.

SECTION 1. The PRESIDENT shall preside at all meetings of the Association and the Board of Directors, and shall act as the executive officer of the Association. He shall at the annual meetings of the Association, and at such other times as he may deem proper, communicate to the Association such matters as may, in his opinion, tend to promote the prosperity and welfare, and increase the usefulness, of the Association, and shall perform such other duties as are prescribed by these By-laws, or are necessarily incident to his office.

President.

SEC. 2. The VICE-PRESIDENT serving upon the last year of his official term shall be the First Vice-President, and the Vice-President serving upon the first year of his official term shall be the Second Vice-President. In case of the absence or disability of the President, the Vice-Presidents, in the above order, shall perform the duties of the President; and in case of the absence or disability of the President and both Vice-Presidents, the Board of Directors shall appoint one of their number to temporarily perform the duties of the President.

Vice-Presidents.

SEC. 3. The TREASURER shall receive all moneys due to the Association, and, under the direction of the Board of Directors, shall deposit, invest, and disburse the same. He shall not pay out any of

Treasurer.

the funds of the Association, except upon an order signed by the Secretary and countersigned by the President. He shall keep regular accounts of the financial concerns of the Association, and render a statement thereof at each regular meeting of the Board of Directors. He shall also exhibit an abstract of the same at each quarterly meeting of the Association, and make a detailed report thereof at each annual meeting.

The Treasurer shall give a bond, with two sufficient sureties, approved by the Board of Directors, in the penal sum of \$50,000, for the faithful performance of the duties imposed on him by virtue of his office.

Secretary.

SEC. 4. The SECRETARY shall conduct the official correspondence of the Association, preserve official communications, keep an accurate record of the transactions of the Association and of the Board of Directors, and perform such other duties as are incident to his office.

ARTICLE V.

DUTIES AND POWERS OF THE BOARD OF DIRECTORS.

Business and financial concerns: how managed.

SECTION 1. The business and financial concerns of the Association shall be managed and conducted by, or under the direction of, the Board of Directors.

Board to enact rules.

SEC. 2. The Board of Directors, in addition to the duties specifically enjoined by these By-laws, shall enact such rules as may be deemed expedient for the government of the Exchange, for the regulation of the various departments of trade, and for the guidance and control of the committees herein provided for; it shall provide suitable Exchange rooms, and other necessary rooms and offices for the use of the Association; shall judge of the qualifications of persons applying for membership; and shall generally do such other proper and needful things as in its judgment will tend to promote the usefulness of the Association, and carry out the purposes of its organization.

Provide Exchange rooms,

And judge of the qualifications of persons applying for membership.

Meetings of Directors.

SEC. 3. The Board of Directors shall hold its regular meetings on the first Tuesday of each month. The President may, and, upon the written request of five members of the Board, shall, call special meetings of the Board. At all meetings of the Board of Directors, eight members present shall constitute a quorum.

Quorum.

When absence from meetings creates vacancy.

SEC. 4. If any member of the Board of Directors shall be absent from more than two consecutive regular meetings of the Board, without having been previously excused, or without sending a communication to the President, giving sufficient reasons for his absence,

his seat in the Board may, by vote of the Board, be declared vacant.

SEC. 5. In case of any vacancy from death, resignation, or other cause, in the Board of Directors, the Board of Directors shall communicate the same to the Association, and fix a day for an election by the Association to fill such vacancy for the remainder of the official term.

Vacancies: how filled.

SEC. 6. The Board of Directors shall report at each quarterly meeting of the Association whatever may be deemed of general interest in its proceedings during the preceding quarter, and at the annual meeting shall report full details of the condition and finances of the Association.

Reports of Board of Directors.

SEC. 7. The Board of Directors may require of all appointees a good and sufficient bond to secure the faithful and honest performance of the duties assigned to such appointees.

Bonds of appointees.

SEC. 8. The Board of Directors shall have power to examine and try charges of misconduct in business matters, preferred against a member of the Association, when made to the President in writing by a member of the Association; and if the person against whom such charges are made shall be found guilty of a violation of these By-laws or the rules for the regulation of the Exchange, of a breach of contract, of false or fictitious reports of sales or purchases, of willfully interfering with the collection of the reports of the movement of commodities, of a failure to comply with any award of the Committees of Arbitration or Appeals, or of any act contrary to the spirit that should govern all commercial transactions, the Board, by a majority vote of the whole Board, may cause him to be publicly reprimanded on 'Change, may suspend him from membership indefinitely or for a definite time (said time not to be less than six months), or may expel him from membership in the Association.

Charges of misconduct.

Penalties.

SEC. 9. It shall be the duty of the Board of Directors, in case any grave offense committed by any member against the good name or dignity of the Association shall come to its knowledge, either by public rumor, report or otherwise, to cause a preliminary or informal investigation to be made by a committee of its number, into the truth or falsity of such rumor or report; and if the said committee, after investigation, shall deem any member guilty of such offense as rumored or reported, they shall so report to the Board of Directors, with charges; whereupon the member thus implicated shall be notified to appear before the Board of Directors in manner as provided by Section 3, Article XII, and, if found guilty, the said member shall be reprimanded, suspended or expelled, as hereinbefore provided.

Public rumors or reports of grave offenses by members.

Investigation by committee.

Punishment, if sustained.

Refusal to appear
as a witness.

Or to answer
questions.

Punishment for
such contempt.

Announcement
and notification
of suspensions and
expulsions

Suspended or ex-
pelled mem-
bers: how re-
admitted.

SEC. 10. In any investigation or trial before the Board of Directors, or before any other duly constituted committee or other tribunal of the Association, if any member, who shall have had notice from the Secretary or Superintendent, in writing, to appear and testify in the case, or if any member who shall have been cited by the chairman of any duly constituted committee or other tribunal of the Association to appear and testify, shall neglect or refuse to so appear and testify, or, if testifying, shall refuse to answer any question which may, by a majority vote of the said Board of Directors, committee or other tribunal, be declared proper and pertinent to the case in hearing, he shall be subject to suspension by the said Board, from all privileges of the Association, for such period as said Board may determine; which may be done by said Board in case of contempt of a witness before said Board of Directors, or on the report in writing of any such committee or other tribunal, in case the contempt shall occur before such committee or other tribunal of the Association.

SEC. 11. Upon the suspension or expulsion of a member, notice thereof shall be conveyed to him by the Secretary, and the Superintendent shall announce the same on 'Change.

SEC. 12. A suspended member may be reinstated by a majority vote of the whole Board of Directors. An expelled member shall be ineligible to re-election, unless by vote of the Association his disability shall have been removed.

ARTICLE VI.

COMMITTEES OF ARBITRATION AND APPEALS.

Committee of Ar-
bitration: how
appointed.

SEC. 1. The Board of Directors shall annually, at its regular meeting in the month of October, appoint a Committee of Arbitration, to consist of fifteen members, who shall not be members of the Board of Directors, to hear and decide such mercantile disputes as may be submitted to it, any five of whom shall form a quorum to hear and determine cases submitted to the committee.

Committee of
Appeals: how
appointed.

SEC. 2. The Board of Directors shall annually, at its regular meeting in the month of October, appoint a Committee of Appeals, to consist of fifteen members, who shall not be members of the Board of Directors, any five of whom shall form a quorum, to hear and determine appeals that may be made from the awards and findings of the Committee of Arbitration.

Oath of members
of committees.

SEC. 3. Before entering upon the trial of any case, the members of the Committees of Arbitration and Appeals, taking part therein, shall be required to take, or subscribe to, the following oath or affirm-

ation (the oath or affirmation to be administered by a Judge or Justice of the Peace of the County of Hamilton, State of Ohio), or other officer authorized, or to be authorized, to administer oaths in such cases: "I do solemnly swear (or affirm), that I will hear and examine all matters of controversy between (naming the parties to the controversy) in the case now submitted for trial; and that I will make a just and equitable award or finding upon the same, according to the evidence, to the best of my understanding. So help me God."

SEC. 4. The Superintendent, either in person or by deputy, shall act as clerk of the Committees of Arbitration and Appeals.

Superintendent to act as clerk.

SEC. 5. All oral evidence in all cases submitted to the Committee of Arbitration shall be taken and recorded by a competent phonographer, who shall be sworn to faithfully record the same.

Phonographic reports to be made.

SEC. 6. The award or finding of a majority of either of the committees present, and trying the case, shall be valid and binding.

Awards binding.

SEC. 7. Any award or finding of the Committee of Arbitration may be appealed from, and the case carried to the Committee of Appeals for revision; *Provided*, that notice of such appeal shall be given to the Superintendent in writing within three business days after such award or finding shall have been delivered to the parties in controversy.

Appeal to Committee of Appeals: how made.

SEC. 8. The Committees of Arbitration and Appeals shall each render their awards or findings in writing, which shall be signed by the members of the committee determining the same, and certified copies thereof shall be furnished by the Superintendent, or his deputy, to the parties in controversy in each case. The official records and decisions of the committees may be inspected by any member of the Association upon application to the Superintendent.

Awards to be in writing.

Records and decisions open to inspection by members.

SEC. 9. Members desiring the services of either of the committees, shall notify the Superintendent to that effect in writing, and before submitting the case, the parties to such submission shall enter into, and exchange, arbitration bonds,* which shall be conditioned for the faithful performance of the award, and set forth the names of the arbitrators, and the matters submitted to their determination; and that the submission shall be made a rule of any court of record within the State of Ohio, or a rule of any particular court of record named in the submission. The arbitration bonds shall specify a time and place for the hearing, allowing the arbitrators the right to adjourn from time to time, until a conclusion is reached; and a time shall be named in the bonds, within which the award shall be made. But neither of the parties shall cause to be entered such submission

How to obtain the services of the committees.

Arbitration bonds: how conditioned, and how drawn

Submission made a rule of court.

In cases appealed, award not to be entered as a rule of court until after final finding.

* NOTE.—In order to comply with the statute, the arbitration bonds must contain the names of all the members of the committee before which the case is to be tried, with the agreement that the case may be tried by the whole committee, or any number (not less than five) of its members.

and award as a rule of a court in any case that may be appealed to the Committee of Appeals, until after the award or finding of said Committee of Appeals is made.

New testimony not allowed in trials before Committee of Appeals.

SEC. 10. When any award or finding of the Committee of Arbitration shall be appealed from, the official record of the trial, including all the oral and documentary evidence, with the decision of the Committee of Arbitration, and the dissenting opinion (if any) of the minority of the Committee, shall be handed to the Committee of Appeals, and argument heard thereon by the said Committee, but no new witnesses shall be examined, nor any new testimony of any kind be introduced before the Committee of Appeals.

Powers of Committee of Appeals.

SEC. 11. The Committee of Appeals may confirm, modify, or reverse, the awards or findings of the Committee of Arbitration, and its awards or findings shall be final and binding, and shall not be set aside or revised by any other tribunal of the Association.

Fees.

SEC. 12. The fees of each committee in any case, including photographic and other costs, shall not be less than ten dollars, nor more than one hundred dollars, to be paid as directed by the committee to the Treasurer, for the use of the Association.

Submission of cases by persons not members.

SEC. 13. Persons not members of the Association, who may have controversies with members, may avail themselves of the services of the Committees of Arbitration and Appeals, on the same terms, conditions and regulations that apply to members; *Provided*, that they furnish a member of the Association as surety on their bond.

Special Arbitration Committees: how appointed.

SEC. 14. The President shall have power to appoint special arbitration committees, to arbitrate cases of controversy between members, when requested so to do; or, with his approval, the parties to any controversy may agree upon such a committee. From the award or finding of a special arbitration committee there shall be no appeal. The members of a special arbitration committee shall take the same oath or affirmation prescribed for members of the Standing Committee of Arbitration; and the parties to any controversy, submitted to a special arbitration committee, shall enter into and exchange arbitration bonds in the manner and form prescribed in Section 9, of this article.

No appeal from award of a Special Committee

Members must be sworn.

Arbitration bonds.

ARTICLE VII.

INSPECTION, ETC.

Appointment of Inspectors, Gaugers, Weighers and other officers.

SECTION 1. The Board of Directors shall, annually, at its regular meeting in the month of October, or thereafter, as occasion may arise, appoint such Inspectors, Gaugers, Weighers, Measurers, and other officers, as it may consider necessary for the purposes of the

Association. The term of office of such appointees shall begin on the first of the month next succeeding their appointment, and shall continue for one year, or until their successors are appointed and assume their duties; but all such appointments shall be revokable at the will of the Board.

Term of appointed officers

SEC. 2. Each of said Inspectors shall give bond to the satisfaction of the Board for the faithful performance of his duty; shall charge and receive from parties requiring his services, such fees as may, from time to time, be, by the Board, adjudged reasonable and proper; and may, with the approval of the Board, appoint such deputies as he may deem necessary. The official certificate of such Inspectors shall be conclusive between parties interested, except in cases provided for in Section 4 and Section 5 of this article.

Inspectors to give bond.

Fees.

Official certificates.

SEC. 3. The Board of Directors shall, annually, in the month of October, appoint Standing Committees on Inspection, for each class of articles subject to inspection, which committees shall consist of five members for each, and shall be appointed to serve for the year, beginning on the first day of November following their appointment, and shall also appoint Committees on Quotations in the leading departments of trade, for the daily official record of prices current; *Provided*, that the Board shall have power to remove at pleasure any member of said committees, and to make new appointments thereto, to supply vacancies caused by removal, resignation or death.

Standing Committees on Inspection, etc.

SEC. 4. The Standing Committees shall have general supervision of the transactions of the Inspectors, each committee in its proper sphere; they shall act as referees in cases of dispute as to inspection, and shall, as occasion may arise, recommend to the Board such rules and regulations as may seem to them to be required in their several departments, and the Standing Committee on Grain Inspection shall have the further power to hear and determine all controversies arising between members of the grain trade that may be voluntarily submitted to it. *Provided*, however, that either party to the controversy may appeal from the decision of the said Committee on Grain Inspection to the Committee of Arbitration within three days after the decision has been made known to the said parties.

Duties of Standing Committees.

SEC. 5. The appropriate Standing Committee shall have cognizance of charges against any Inspector, or other officer appointed by the Board; and when such charges are formally presented in writing, shall carefully examine into the same, and in its discretion, may reprimand the delinquent or assess damages against him for the benefit of the complainant, or recommend his removal from office to the Board of Directors; but in all such cases the Inspector

Charges against Inspectors and other officers.

or other officer may appeal to the Board, within three days after the decision of the Standing Committee has been communicated to him, and the Board shall examine into the case, and confirm, modify, or amend the award of the committee, as may seem to be just and requisite.

Standards of inspection.

SEC. 6. The Board of Directors shall, from time to time, with the advice and consent of the respective Standing Committees, prepare and establish standards for the classification of the various articles subject to inspection, and make such rules and regulations for the guidance of their Inspectors and other officers as may be required; and the said standards, rules and regulations shall be binding upon all parties concerned.

ARTICLE VIII.

SUPERINTENDENT.

Elected annually

To have charge of rooms.

To collect statistics, and prepare and publish annual report.

Attend meetings of Committees of Arbitration and Appeals. See that phonographic reports of testimony are made

Shall appoint assistants.

The Superintendent shall be elected annually by the Board of Directors, and shall hold his office at the pleasure of the Board. He shall have charge of the Exchange and other rooms occupied by the Association, provide them with stationery and other necessary supplies, cause them to be properly heated, lighted, ventilated, cleaned, and kept in good condition, and see that order is preserved therein. He shall have charge of all statistical work of the Association, and shall cause to be collected the statistics of the daily movement of the commodities of trade in Cincinnati, and have the same placed in an intelligible and orderly form on the books of the Association. He shall, at the conclusion of each fiscal year prepare a detailed report of the trade and commerce of the city, in its various leading departments, and shall have charge of, and attend to the publication of the same. He shall, either in person or by deputy, attend the meetings of the Committees of Arbitration and Appeals, and Special Committees of Arbitration, and keep a record of the awards made thereby; he shall see that phonographic reports of the testimony in cases before the Committees of Arbitration are made, and, when requested, shall cite persons to appear to give testimony in such cases. He shall have charge of such property of the Association as may be committed to his care; and shall, with the advice and consent of the Board of Directors, appoint such assistants as may be necessary to aid him in the performance of his duties; and he shall perform such other duties pertaining to his office, as may be prescribed by the Board of Directors.

ARTICLE IX.

CERTIFICATES OF MEMBERSHIP.

SECTION 1. Each active member shall be entitled to receive a certificate of membership, bearing the corporate seal of the Association, and the signatures of the President and Secretary; which certificate, if the membership it represents is not in any way impaired or forfeited, shall be transferable upon the books of the Association to any person eligible to membership who may be elected by the Board of Directors, upon payment of a transfer fee of five dollars, and any unpaid assessments due thereon. The certificate of a deceased member may be transferred in like manner by his legal representatives. *Provided*, that any member who, at the time of the adoption of this Article, is not possessed of a certificate of membership, shall only be entitled to receive one through the transfer of the certificate of a retiring member.

Transfer fee.

SEC. 2. Upon the transfer of his certificate upon the books of the Association, the membership of the person so transferring his certificate shall cease.

SEC. 3. In case of the loss of any certificate, and of a claim that a new certificate be issued in place thereof, the owner shall make an affidavit stating the fact of such loss; he shall cause an advertisement to be published daily, for ten days, in one of the daily newspapers of Cincinnati, describing the lost certificate, and notifying all persons in interest to show cause why a new certificate should not be issued in place of the lost one; and he shall give such bond as the Board of Directors may require, for the purpose of indemnifying the Association from all damage that it may sustain in consequence of the issuing of a new certificate. Upon compliance with these conditions, the Board of Directors shall cause a certificate to be issued to such claimant, if he shall appear to be entitled to the same, in place of the lost certificate.

Loss of certificate

ARTICLE X.

ANNUAL ASSESSMENTS.

The annual assessment upon each active membership, for the purpose of defraying the expenses of the Association, shall be twenty-five dollars, and shall be payable, in advance, on the first day of September in every year. Any member who neglects or refuses to pay the same within thirty days after the same is payable, shall be excluded from the rooms of the Association, until payment is made;

Payable September 1st.

Penalty for neglect of payment

and any member who fails to pay the assessment within one year from the time when the same is payable, shall be deemed to have relinquished his membership, and the certificate representing such membership shall be forfeited and void, and such person can thereafter be re-admitted only as a new applicant.

ARTICLE XI.

MEETINGS.

Annual and quarterly meetings.

SECTION 1. The annual meetings of the Association shall be held on the second Tuesday of September in each year. Quarterly meetings shall be held on the second Tuesdays of December, March, and June, in each year.

Special meetings: how called.

SEC. 2. The President may, and upon the written request of a majority of the Board of Directors, or of twenty-five members of the Association, shall, call special meetings of the Association; of which, except for action on the death of a member, at least twenty-four hours' notice shall be given by the President. Such notice shall state explicitly the object for which the meeting is called, and the transactions at said meeting shall be limited to the business stated in the call. *Provided*, that upon the announcement by the President of a call for a meeting under the foregoing provisions, the business stated in the call may be at once considered and acted upon by the members present, if a motion to that effect be actually put and unanimously carried.

Twenty-four hours' notice to be given.

Business may be at once considered, by unanimous vote.

Quorum.

SEC. 3. At all meetings of the Association fifty active members shall constitute a quorum for the transaction of business.

No debate or action to be had during session of Exchange, except at annual meeting.

SEC. 4. No debate or action shall be had on any subject during the hours of the Exchange daily session, except on the day of the annual meeting.

Division can only be had upon demand of ten members.

SEC. 5. At any meeting of the Association the vote on any motion or resolution may be decided by the presiding officer by a *viva voce* vote; but on the demand of any ten members a division requiring a count by the Secretary or tellers can be had, but the yeas and nays can not be ordered.

Daily session of Exchange.

SEC. 6. There shall be a daily session of the Exchange, during such hours as the Board of Directors may provide (Sundays and legal holidays excepted), but this section shall not prevent adjournment at any time the Chamber may so order.

ARTICLE XII.

CONCERNING TRIALS AND CHARGES OF MISCONDUCT.

SECTION 1. All charges made against any member of the Association for any default, misconduct, or offense, shall be addressed to the President in writing, and shall state, in ordinary language, the default, misconduct or offense charged; and the same must be signed by one or more members of the Association, or by a business firm, at least one of whose members shall be a member of the Association.

Charges: how made.

SEC. 2. Upon the receipt of any such charges the President shall appoint a committee of three members of the Board of Directors, whose duty it shall be to examine into the gravamen of the charge, and if thought proper so to do, to endeavor to reconcile the matter in dispute, or to induce the parties interested to submit the same to arbitration. Should the committee fail to effect such reconciliation, or such agreement to arbitrate, and should it find that the charge is one proper to be brought to trial, it shall report the same, in writing, to the Board of Directors, whereupon the Board, if it shall so determine by vote, shall, at such time as it may designate, proceed to a trial of the accused upon the matters charged.

Committee to be appointed for preliminary investigation.

Board shall try persons charged.

SEC. 3. No member shall be reprimanded, suspended or expelled without a trial by the Board of Directors of the charges made against him, nor without an opportunity to be heard in his own defense. No trial shall take place until after notice shall have been served upon the accused member, accompanied by a copy of the charges against him. Such notice may be served upon the accused personally by the Secretary, or by an employe of the Association, or it may be left at his residence or place of business, or it may be sent by mail to the last known residence of the accused, should he have no residence or place of business in Cincinnati. Such service of notice shall be considered sufficient, and after same the trial may proceed whether the accused is present or not.

Accused entitled to trial before sentence.

How notice shall be served upon accused.

ARTICLE XIII.

RULES FOR THE MANAGEMENT OF TRIALS AND CASES BEFORE THE BOARD OF DIRECTORS, AND COMMITTEES OF ARBITRATION AND APPEALS.

RULE 1. No trial before the Board or Committees shall be proceeded with in the absence of either party, until after proof of service of notice, by the Secretary or an employe of the Association,

Trial may be adjourned, in case of absence of either party.

personally, or at the place of business of the party, or by mail to his last known residence, if he has no place of business in Cincinnati. Unavoidable absence from the city, sickness, or the absence of material witnesses, shall be considered, at the discretion of the Board or Committees, cause for adjournment of trial.

Trials: how opened.

RULE 2. The trial shall be opened by a verbal or written statement of the case by the complainant, and be followed by a verbal or written statement by the respondent. Interruptions of the same shall not be permitted.

Testimony must be under oath.

RULE 3. All testimony introduced in trials before the Board or Committees shall be under oath; the oath, in cases before either the Committee of Arbitration or the Committee of Appeals, to be administered by a Judge or a Justice of the Peace of the County of Hamilton, State of Ohio, or other officer authorized, or to be authorized, to administer oaths in such cases.

Oath: how administered.

As to relevancy of testimony: how decided.

RULE 4. All questions as to the relevancy or admissibility of testimony shall be decided by the presiding officer. The party against whom the question of evidence is decided shall have the right of appeal to the Board or Committee trying the case.

Interrogatories by only one person on each side.

RULE 5. All interrogatories by contestants shall be put by only one person on each side, unless by consent of the Board or Committee.

Order of testimony.

RULE 6. The order of testimony shall be as follows:

- I. The evidence for the complainant.
- II. The evidence for the respondent.
- III. The evidence for the complainant in regard to new matter presented in the evidence for the respondent.

The evidence shall then close, except that it may be reopened in the interest of justice, by vote of the Board or Committee.

Cross-examination of witnesses.

RULE 7. The cross-examination of witnesses need not be confined to matters testified to in the direct examination, but can be extended to any matters necessary to make out the case of the party making the cross-examination.

Re-examination in chief.

RULE 8. The re-examination in chief shall be strictly confined to new matter introduced in the cross-examination.

Witnesses to testify from personal knowledge only.

RULE 9. Witnesses will only be permitted to testify as to facts within their own personal knowledge, and can not be allowed to state information given them by others.

Irrelevant testimony excluded

RULE 10. The testimony must be confined to the matters in controversy, and all irrelevant facts must be excluded.

RULE 11. No impeachment of the general reputation of a witness for veracity shall be permitted.

Impeachment of reputation of witnesses not permitted.

RULE 12. Whenever books of account require any extended examination, or the papers presented are voluminous, the Board or Committee may refer the matter to one of their number, or to an accountant, for examination and report.

Accounts and papers may be referred.

RULE 13. Whenever the genuineness of the signature of any material paper, presented in evidence, is contested, the Board or Committee shall dismiss the case, unless both litigant parties shall agree to a final decision without reference to the question of the genuineness of the signature.

When genuineness of signature is contested.

RULE 14. Proof of agency must be established before the admissions of an agent can be received.

Proof of agency.

RULE 15. The Board and the Committees reserve the right to dismiss any case where the conflict in the testimony is such that it may be deemed improper to proceed to give a decision.

When cases may be dismissed.

RULE 16. In trials or investigations before the Board of Directors, the Committees of Arbitration or Appeals, or any other committee of the Association, no party shall be allowed to be represented by an attorney at law.

Parties not allowed to be represented by an attorney at law.

ARTICLE XIV.

NATIONAL BOARD OF TRADE.

SECTION 1. This Association having membership in the National Board of Trade, it shall be the duty of the Board of Directors, prior to each annual session of said National Board of Trade, to appoint delegates to the same, in number as prescribed by the rules of that body.

Board of Directors to elect delegates.

SEC. 2. The term of office of delegates to the National Board of Trade shall begin at the opening of its annual session, or at such time as shall be fixed by the said National Board.

When term of office begins,

SEC. 3. The delegates to the National Board of Trade shall be constituted a Committee to consider and report to the Chamber upon all subjects submitted by the National Board of Trade to the Chamber of Commerce, as well, also, upon all subjects proposed to be submitted by the Chamber of Commerce to the National Board of Trade.

Delegates to make reports.

ARTICLE XV.

CLERKS, MESSENGERS AND REPORTERS.

Clerks' tickets
how obtained.

SECTION 1. Each firm or business house, one or more of the members of which are members of the Association, upon the approval of the Board of Directors of the person for whom the application is made, shall be entitled to one or more clerks' tickets of admission to the daily Exchange meetings of the Association, on payment of the regular annual assessment of members, for each and every clerk; but the holder of a clerk's ticket must be in the employ of the member applying for the same, and he shall not have the right to transact any business in the Exchange rooms for any other person than the employer, to whom the ticket may have been issued. Any clerk's ticket, and all payments for the same, may be declared forfeited by the Board of Directors, upon satisfactory evidence that the person holding it has abused any of the privileges granted by it, or that he is not a *bona fide* employe of the person upon whose application it was issued.

Causes for for-
feiture of ticket.

Messengers.

SEC. 2. The Board of Directors shall be authorized, under such restrictions, regulations and limitations as it may deem proper, to grant admission to the Exchange rooms to messengers for members, such messengers not to be allowed to transact any business beyond communicating with their principal, and not to remain longer than is necessary for that purpose.

Reporters.

SEC. 3. Upon the approval of the Board of Directors, reporters of daily newspapers, published in the City of Cincinnati, may be admitted to the Exchange rooms, without charge.

ARTICLE XVI.

VISITORS.

Visitors can not
transact busi-
ness.

Visitors may be introduced to the Exchange rooms upon such conditions and for such time as the Board of Directors may determine. No person admitted as a visitor shall be permitted to transact any business in the Exchange rooms.

ARTICLE XVII.

PROHIBITED APPROPRIATIONS.

Appropriations:
what prohib-
ited.

No appropriation of money shall be made by the Board of Directors, or by the Association, for any other than the strictly legitimate business purposes of the Association.

ARTICLE XVIII.

AMENDMENTS.

These By-laws may be amended by a two-thirds vote of the members present and voting at any regular meeting of the Association, or at a special meeting called for the purpose ; *Provided*, that the proposed amendments or alterations shall have been approved by a majority vote of the whole Board of Directors, and shall have been posted on the bulletin board for at least ten days prior to the meeting of the Association at which it is proposed to consider them

ARTICLE XIX.

The former Constitution, and all rules and regulations inconsistent with these By-laws, are hereby repealed. *Provided*, that the Board of Officers and all committees and appointees, holding office at the time of the adoption of this article, shall continue in their respective offices and duties, during the term for which they were elected, and until their successors are duly elected and qualified.

Repeal of former constitution.

Exception for present officers.

REPORTS
OF THE
SECRETARY AND TREASURER
OF THE
CINCINNATI CHAMBER OF COMMERCE
AND
MERCHANTS' EXCHANGE.
FOR THE
YEAR 1890-91.

REPORT OF THE SECRETARY.

CINCINNATI, September 14, 1891.

To the Members of the Cincinnati Chamber of Commerce:

In accordance with custom, the Report for the year ending September 14, 1891, is hereby respectfully submitted.

The Chamber was called to order for various purposes during the year fifty-four times, and various resolutions were adopted, among the most important of which were the following:

On January 20, 1891, protesting against the passage by the House of Representatives of the United States of "The Free Coinage Bill."

On January 26, 1891, protesting against the passage by the Legislature of the State of Ohio of the bill known as "The Rawlings Bill."

On March 5, 1891, recommending for action by the Legislature of the State of Ohio "The Corcoran Municipal Bill."

On March 6, 1891, urging the passage by the Legislature of the State of Ohio of the bill "Amending the law providing for a Board of Control in counties containing cities of the first grade, first class."

On March 25, 1891, a Special Committee, consisting of JAMES DALTON, GAZZAM GANO, CHARLES FLEISCHMANN, MICHAEL RYAN, and RICHARD DYMOND, was appointed to consider the subject of selling or leasing the Cincinnati Southern Railway. On June 17, 1891, the Committee presented a very full and complete report, expressing the opinion that a sale under present circumstances was impracticable, and that the City had far better assume all the risks of finding a lessee for the road, at the expiration of the present lease, than to extend the present lease without certain definite provisions as to rates, etc., from Cincinnati. On June 24, the Report was adopted, and referred to the Trustees of the Cincinnati Southern Railroad and the Trustees of the Sinking Fund.

There were 159 certificates of membership transferred, and 45 clerks' tickets issued, during the year ending August 31, 1891. There were 26 certificates of membership, and 3 non-certificate memberships, forfeited for non-payment of annual dues, August 31, 1891. The membership, September 1, 1891, was 2,173—comprising 2,143 certificate, 24 non-certificate, and 6 honorary memberships; of the latter, 3 held certificate memberships.

During the year ending August 31, 1891, the Chamber has lost by death the following named twenty-nine members:

MAX. FLEISCHMANN,	SETH EVANS,	JACOB BURNET, JR.,
W. W. HIGBEE,	JAMES R. WILLIAMSON,	THOMAS H. FOULDS,
A. D. BULLOCK,	JOSEPH F. MILLS,	ROBERT HAMILTON,
JAMES S. WISE,	CHARLES STEWART,	HENRY SCHMIDT,
BRIGGS SWIFT,	WILLIAM H. GILPIN,	L. M. DAYTON,
JULIUS MOSLER,	JAMES HUNTER,	ALEXANDER SWIFT,
GEORGE SHILLITO, JR.,	EDWARD B. CROW,	CHARLES W. GETTIER,
JOHN W. KIRK,	JOSEPH H. ROGERS,	JOSEPH DURRELL,
WILLIAM D. MUNDELL,	L. H. MCCAMMON,	GEORGE MOERLEIN.
A. D. MCPHERSON,	WILLIAM H. WATERS,	

On May 20, 1891, the Chamber by ballot in regular form, according to the Constitution, adopted amendments to the By-laws abolishing the Board of Real Estate Managers, whose duties, after that date, devolved on the Board of Directors.

On May 21, 1891, a vote of thanks was unanimously tendered to the persons who had served on the Board of Real Estate Managers for their valuable services, in connection with the erection of the fine building which we now enjoy.

On July 7, a Committee of seven, consisting of THOMAS MORRISON, J. T. CAREW, THOMAS G. SMITH, MICHAEL RYAN, J. W. WARRINGTON, F. A. WRIGHT, and H. C. URNER, was appointed to confer with similar Committees from other bodies, and take such action as might be expedient for the improvement of the City's water supply.

The Board of Directors held twenty-five meetings during the year, most of which were well attended, and there were no adjournments for want of a quorum.

On December 11, 1890, the Board authorized a contract with the Gold and Stock Telegraph Company for New York Stock reports, which were arranged for, and have since been posted in the Chamber.

On May 5, a Special Committee made report, recommending settlement of the claim of Capt. JAS. T. JOHNSON, for damages received on the floor of the Chamber of Commerce, December 31, 1890, for \$500, which amount was authorized and paid; this course appearing to be preferable to attempting a defense at court. It was the opinion of the Board that such demonstrations as made this claim a possibility should be prevented hereafter, not only to preserve the dignity of the Chamber, but also to prevent any such claims in the future.

On May 5, a Committee, consisting of W. H. DOANE, C. M. HOLLOWAY, J. W. HARPER, E. V. CHERRY, and E. C. HALL, was appointed to act in connection with similar Committees from the Board of Trade and Transportation, and the Ohio Mechanics' Institute, to arrange for a proper representation at the World's Columbian Exposition, to be held in 1893, at Chicago.

On May 5, 1891, the Board memorialized the Congress of the United States, urging that such measures be taken as will compel the common carriers of the United States to furnish all shippers a uniform bill of lading and a uniform classification of freight, the rules and conditions of which shall be just and reasonable.

On May 25, the duties heretofore devolving on the Board of Real Estate Managers were conferred on the Finance Committee, and two new Committees, viz.: the House Committee and the Committee on Rentals.

On June 2, Col. SIDNEY D. MAXWELL presented his resignation, to take effect upon September 1, 1891. It was immediately referred to a Special Committee, which reported finally on August 4, recommending that the resignation be accepted, to take effect as soon after September 1 as the incoming Board would be able to elect a successor, and the Secretary was instructed to so advise Col. MAXWELL, and to express to him the great regret of the Board and all Officers at the termination of their pleasant relations and the loss of his valuable services.

CHARLES DAVIS was elected an honorary life member, on September 7, 1891, in accordance with the usual custom.

N. R. ADRIANCE,
Secretary.

REPORT OF THE TREASURER.

CINCINNATI, August 31, 1891.

LOWE EMERSON, Esq.,

President of the Cincinnati Chamber of Commerce and Merchants' Exchange:

DEAR SIR—In accordance with the requirements of the By-laws of the Association, I have the honor to submit herewith detailed statements of the finances of the Chamber for the fiscal year ending August 31, 1891, of which the following are abstracts:

GENERAL FUND.

Balance from August 31, 1890.....	\$ 2,148 78
Receipts from sources of revenue.....	\$56,928 01
Receipts from Real Estate and Building Fund.....	5,000 00
Receipts from Bills Payable—loans negotiated.....	9,000 00
	70,928 01
	\$73,076 79
Expenses of the Association.....	\$17,421 45
Transferred to Real Estate and Building Fund.....	25,000 00
Interest on Chamber of Commerce Bonds.....	6,000 00
Bills Payable—paid note due.....	4,000 00
	72,421 45
Balance August 31, 1891.....	\$655 34

By reason of the adoption of certain amendments to the By-laws, May 20, 1891, the Board of Real Estate Managers was abolished, and the control and management of the Real Estate and Building Fund and the Chamber of Commerce Building passed from that Board to the Board of Directors June 1, 1891.

REAL ESTATE AND BUILDING FUND.

Balance from August 31, 1890.....	\$ 3,512 74
Receipts from sources of revenue.....	\$10,333 65
Receipts from General Fund.....	25,000 00
	55,333 65
	\$58,846 39
Paid on account of floating debt.....	\$10,000 00
Transferred to General Fund.....	5,000 00
Taxes, Interest, etc.....	9,692 81
Expenditures on account new Building.....	2,131 20
Current expenses of Building.....	10,994 23
	57,818 24
Balance August 31, 1891.....	\$ 1,028 15

The liabilities of the Chamber of Commerce at this date aggregate the amount of \$170,000, comprising the bonded debt of \$150,000 and a floating indebtedness of \$20,000. This latter amount, if not entirely liquidated the coming year, will in all probability be largely reduced.

Respectfully submitted,

SAM'L W. RAMP,

Treasurer

GENERAL FUND.

STATEMENT OF RECEIPTS AND EXPENDITURES

For the Year ending August 31, 1891.

Balance in Treasury August 31, 1890.....		\$2,148 78
RECEIPTS.		
From Membership Dues.....	\$54,225 00	
Clerks' Tickets.....	1,125 00	
Transfer Fees.....	795 00	
Desk Rent.....	432 50	
Interest (Bank account).....	168 17	
Expense	115 16	
Arbitration Fees.....	67 18	
	\$56,928 01	
Bills Payable (loans negotiated).....90 days note, \$4,000 60 days note, 5,000	9,000 00	
Real Estate and Building Fund (transferred from).....	5,000 00	
		70,928 01
EXPENDITURES.		
For Salaries.....	\$17,280 83	
Telegraph Reports.....	7,552 00	
Cincinnati Freight Bureau.....	3,261 41	
Cleaning Building.....	2,450 75	
Annual Report.....	1,886 56	
Expense Account.....	1,404 69	
Telephone Service.....	960 00	
Stationery and Printing.....	588 06	
National Board of Trade.....	566 65	
Extraordinary Expense.....	500 00	
Statistics of Manufactures.....	388 70	
National Transportation Association.....	209 30	
Postage.....	208 15	
Interest on notes discounted.....	113 17	
Arbitration Fees.....	51 18	
	\$37,421 45	
Real Estate and Building Fund (transferred to).....	25,000 00	
Interest on Bonds (4 per cent. on \$150,000).....	6,000 00	
Bills Payable (paid 90 days note).....	4,000 00	
		72,421 45
Balance in Treasury August 31, 1891.....		\$655 34

Respectfully submitted,

SAM'L W. RAMP, *Treasurer.*

Examined and approved:

 RALPH PETERS,
 DAWSON BLACKMORE, } *Finance Committee.*

REAL ESTATE AND BUILDING FUND.

STATEMENT OF RECEIPTS AND DISBURSEMENTS

For the Year ending August 31, 1891.

Cash Balance August 31, 1890.....		\$3,512 74
RECEIPTS.		
Real Estate and Building Fund:		
Transferred from Board of Directors (General Fund).....	\$25,000 00	
Rent Account—		
Rentals Chamber of Commerce Building.....	30,251 68	
Interest (Bank account).....	81 97	
		55,333 65
DISBURSEMENTS.		
		\$58,846 39
Real Estate and Building Fund (paid on account of floating debt)...	\$30,000 00	
Interest Account (interest on floating debt).....	1,425 98	
Cincinnati Chamber of Commerce—		
Transferred to the Board of Directors (General Fund).....	5,000 00	
Taxes Account (real estate and personal property).....	8,166 83	
Attorneys' Fees (legal services employed).....	100 00	
Expenditures for improvements on building, viz:		
Vollmer, Tomoor & Marx (decorators).....	\$1,090 00	
Rob't Mitchell Furniture Co. (extra furniture).....	220 00	
Jas. Griffith & Sons (carpenter work).....	247 20	
Henry Behrens & Co. (carpenter work).....	399 00	
Laidlaw & Dunn Co. (ventilation of engine room)...	175 00	
		2,131 20
Current Expenses of Building, viz:		
Wages.....	\$5,806 85	
Fuel.....	2,184 35	
Gas.....	694 58	
Water.....	478 35	
Supplies.....	1,048 62	
Repairs.....	374 96	
Expense.....	316 52	
Insurance.....	90 00	
		10,994 23
		57,818 24
Cash Balance August 31, 1891.....		\$1,028 15

Respectfully submitted,

SAM'L W. RAMP, *Treasurer.*

Examined and approved:

RALPH PETERS,
DAWSON BLACKMORE, } *Finance Committee.*

REAL ESTATE AND BUILDING FUND.

August 31, 1891.

Dr.		Cr.	
Aug. 31, 1891—		Aug. 31, 1890—	
To reduction of floating debt...	\$30,000 00	Balance.....	\$6,500 74
Expenditures on New Building		Aug. 31, 1891—	
(for year ending Aug. 31, 1891)	2,131 20	General Fund.....	20,000 00
Balance.....	4,016 15	Profit and Loss (net gain).....	9,646 61
	<u>\$36,147 35</u>		<u>\$36,147 35</u>
		August 31, 1891, Balance.....	<u>\$4,016 15</u>
<i>Bills Receivable—</i>			
Unsettled Claim (outstanding).....			\$2,988 00
<i>Cash—</i>			
Balance in Treasury, August 31, 1891, as per statement			<u>1,028 15</u>
Real Estate and Building Fund, August 31, 1891.....			<u>\$4,016 15</u>

CHAMBER OF COMMERCE BUILDING.

<i>Real Estate—</i>		
Old Post-office Property.....		\$100,000 00
<i>Building Construction—</i>		
Contracts for Building and Foundations		592,746 63
<i>General Construction Expense—</i>		
Architects' Fees and Incidental Expenses.....		37,072 36
<i>Furniture and Decorations—</i>		
Sundry Contracts.....		16,955 95
<i>Electric Light Plant—</i>		
Contract and extras.....		10,941 89
<i>Gas Fittings—</i>		
Contract and extras.....		10,650 27
Total Expenditures to August 31, 1891.....		<u>\$768,367 10</u>

STATEMENT OF LIABILITIES, AUGUST 31, 1891.

<i>Bonded Indebtedness—</i>		
Chamber of Commerce Bonds, 4 per cent., 10-20s, dated Jan. 1, 1888, total issue		\$150,000 00
<i>Floating Indebtedness—</i>		
Call Loans outstanding August 31, 1890.....	\$50,000 00	
Debt reduced during the year.....	<u>30,000 00</u>	
Balance outstanding.....		20,000 00
Total		<u>\$170,000 00</u>

REPORT OF THE SUPERINTENDENT.

CINCINNATI CHAMBER OF COMMERCE,

March 1, 1892.

JOSEPH R. BROWN, *President*:

DEAR SIR—In submitting this Report it is deemed proper to refer to the fact that the change in the executive office of the Chamber of Commerce, occurring two months subsequent to the close of the fiscal year of the Association, bringing with it the work of preparing the Annual Report for the year ending August 31, 1891, made it peculiarly difficult for the new official to enter upon and prosecute such labors in a satisfactory manner, and necessarily operated to delay the accomplishment of this service, and the time of presenting the completed work, which is now submitted.

With a view of simplifying the statements and facilitating reference to the mass of statistical exhibits, thus increasing the usefulness of the work, a radical change has been inaugurated in the arrangement of matter, and it is believed the members and others who may have occasion to consult these pages will appreciate the new order of things.

The trade review has been made as brief as practicable in this report. The index will facilitate ready reference to any particular data in the volume. Where comparisons may be desired for dates further back than the tables embrace, they can in many instances be had by reference to previous reports. The student or observer, however, who consults such data should not overlook the influence of changes in conditions which have overtaken nearly or quite every line of interest, within a period of ten or twenty years or more.

Very truly yours,

CHARLES B. MURRAY,
Superintendent.

THE COMMERCE OF CINCINNATI.

In connection with the presentation of the various statistical exhibits concerning the commerce of Cincinnati, to be found in this volume, it is proper to allude to the fact that the information which the Chamber of Commerce service thus collects and makes available in regard to the extent and advancement of trading and industrial interests in this city embodies the most complete history and collection of data for reference on these matters. The busy man may give thought only in a general way to such evidences of growth and of commercial facilities and comparisons, but they nevertheless serve a useful purpose in many ways, and in various directions.

In reviewing the records for the year ending September 1, 1891, it is interesting to observe the enlargement of business operations in this city, which is shown in almost every department of any significance, in comparison with previous records. That it should be so is recognized as merely logical, for a great commercial center naturally grows in the extent of its operations, from year to year—but from the fact that in some special instances, through the processes which have been going on in the past calculated to shift the base of activities in some prominent lines from one locality to another, some have inclined to accept the view that our city has not maintained its full share of progressive development. The thoughtful observer, however, will discover that this is erroneous—that we have here not only the geographical and climatic conditions which combine with other factors in favor of this center, but we have wealth and enterprise, and the ready access to supplies of raw material, which naturally support and enlarge commercial and industrial endeavors, and we have such growth as a matter of fact.

The one feature of regret, and of discontent, among business men in Cincinnati, and especially with the manufacturing class, is the rate of taxation. This has been looked upon as burdensome, and to some extent has been so, and quite likely has served to check industrial growth in some lines, and to encourage a shifting of operations in some instances from city limits to suburban regions. These conditions are not so much due to bad or inefficient features of government as to physical characteristics of the locality, by which the constant and rapid development of necessary improvements and facilities has called for great expenditure of public funds. The topography of the region is such as to make the extension of such improvements far more costly than would be the case under other conditions, and the growth of the city has rendered these expenditures necessary, thereby maintaining the rate of taxation, which would, if our city

were to come to a standstill in such progress, be susceptible of marked modification. Thus the seemingly high rate of taxation becomes one of the positive evidences of our substantial and important growth.

Notwithstanding the feature of taxation, our merchants and manufacturers have found offsetting advantages abundantly in the locality, and no city in the land has enjoyed a higher degree of prosperity attending its combined efforts in business affairs. No city of commercial importance in the country can show greater relative resources of wealth and of accumulation.

There is one feature of disadvantage which Cincinnati suffers, and for which there is no ready relief. This is the credit for population, in the list of such municipalities. Situated on the banks of a river which marks the line of separation from another commonwealth, that portion of this great center which has naturally found expansion on the opposite side of the river can not be recognized in the official enumeration for Cincinnati. The same drawbacks exist to some extent in the restricted area covered by the corporation limits of the city, beyond which our population and our industries have very greatly extended and expanded. While Cincinnati is officially reported as having but 300,000 population in 1890 a proper return would place the figures in excess of 500,000, inclusive of that which is now immediately adjacent and thus in fact a part of this centralization of population and of industrial activities.

It may be an impracticable proposition, and beyond any hope of realization, but it is nevertheless reasonable to assume that a certain portion of territory opposite Cincinnati on the Kentucky side of the Ohio River should be brought within the boundary limits of the State of Ohio. This territory is situated within the bend in the river, in this immediate region, and embraces a large part of the counties of Campbell, Kenton and Boone. Were this area acquired by the commonwealth of Ohio it would be practicable to extend the corporation limits of Cincinnati southward so as to include all that properly belongs to the city. The result would be especially favorable to property interests in the territory thus referred to, as the change would lead up to development and growth which would greatly enhance the valuation of property in that region. Cincinnati could then take a position in rank as a commercial and populous center which it can never acquire otherwise.

In the statements which follow in this report will be found exhibits in ample detail showing the extent and progress of commercial and industrial interests in Cincinnati. They demonstrate that in a period of twenty years this city has enlarged its manufacturing and commercial significance closely to 100 per cent., on the basis of valuation of products. During this period, however, a very marked decline in values of nearly all staple products has occurred, so that the volume of goods handled to represent an equal valuation has been greatly enlarged. It is deemed within proper limits to estimate the decline of values at 33 per cent., which would imply that at the end of the term mentioned it required 50 per cent. more of goods than at the beginning to represent equal valuation. The statistics of manufacturing and of movement of products indicate that the ratio in 1891 compared with 1871 on the basis of valuation was as about 185 to 100, which implies that the ratio on the basis of quantities of goods handled was fully 275 to 100.

The city of Cincinnati is most favorably situated with reference to railway transportation, in addition to which the river equipment is a specially important auxiliary. The city stands first in importance in the country in many lines of productive industry, and is one of the most attractive in its general characteristics and surroundings. Its position is especially favorable for securing supplies of raw materials entering into the manufacture of staple products, and its facilities for distribution are constantly enlarging with the development of commerce and of production in this region.

GRAIN.

The aggregate receipts of Grain reported for the year were 18,444,000 bushels, of which 3,841,000 represented through movement, and 14,603,000 local arrivals; of the latter quantity, 2,134,000 bushels represented Wheat, 6,126,000 Corn, 4,093,000 Oats, 1,741,000 Barley, and 509,000 Rye. The local receipts of Wheat were the largest in four years; of Corn, moderately less than in two previous years; of Oats and Barley, the smallest in five years; of Rye, somewhat under two years previously.

No. 2 Red Wheat ranged for the year at $81\frac{1}{2}$ @116, averaging 99 cents, compared with 83 in 1889-90, and 100 for a period of ten years previously, within which time the highest yearly average was 132, in 1881-82, and the lowest 80, in 1886-87.

No. 2 Mixed Corn (shelled) ranged at $47\frac{1}{2}$ @ $77\frac{1}{2}$ for the year, the average being 60 cents, compared with 36 in 1889-90, and $48\frac{1}{2}$ for a period of ten years previously, within which time the lowest yearly average was 36, in 1889-90, and the highest 72, in 1881-82.

No. 2 Mixed Oats ranged for the year at $30\frac{3}{4}$ @ $58\frac{1}{2}$, averaging 48, compared with 27 in 1889-90, and $34\frac{1}{2}$ for a period of ten years previously, within which time the lowest yearly average was 26, in 1888-89, and the highest 50, in 1881-82.

Barley ranged for the year at 65@75 for Extra No. 3 Fall, 62@76 for Extra No. 3 Spring, and 73@80 for No. 2 Fall. The average for the year was 77 for No. 2 Fall, compared with 57 in 1889-90, and 83 as the average for ten years previously.

Rye had a wide range for the year, 61@105 for No. 2, averaging 81, in comparison with 50 in 1889-90, and 68 as the average for ten years previously.

Spring Barley Malt had a range of 55@90 cents for the year, averaging 78. Receipts were 763,000 bushels, against 946,000 the preceding year.

Statistics of the movement of Grain at Cincinnati have ceased to serve as a full measure of the volume of this business here, even though an almost steady enlargement is indicated in these exhibits. The geographical position of the city, with its extensive connections with transportation systems, give it important advantages, which have as yet been only partially utilized and developed. Besides the large consumption of Grain here, in brewing, distilling, starch manufacture, and in other channels, it is a great and growing distributing point for supplies for the milling interest, not only situated immediately adjacent, but far eastward and northward, and throughout a vast territory southward, while at the same time the seaboard and foreign markets draw largely upon the trade of our Grain merchants for supplies.

It is an interesting and important fact that with the changes and economies incident to extension of transportation facilities an enlarged proportion of Grain finds direct movement from regions of surplus to consuming districts, and dealers in Cincinnati have become the medium for an enormous business of this nature, which necessarily is not reflected in the usual commercial statistical comparisons. The possibilities of this feature of the Grain trade here admit of the view that within a few years this city may become the great central market for transactions in the distribution of actual Grain for the West and South.

Incident to this reference to the Grain trade centered in this market it is proper to refer to some general features of this interest. In the production of Wheat and Corn the United States occupies the first position in the countries of the world, as also in the exportation of Wheat, including the finished product, Flour. But the average rate of yield of Wheat per acre in the United States is far below that reported by many other countries, notably Great Britain and most of the countries of Continental Europe.

Taking the available data as to production, seeding and exportation of Wheat, with the estimates of population, the indicated consumption in the United States in late years, exclusive of seeding, has been about 4.81 bushels per capita of population. On the basis of returns for 1890 the population on July 1, 1891, was about 64,000,000, which would imply that for the year 1891-92 the domestic requirements for all purposes, on the usual basis, exclusive of seeding, will be about 308,000,000 bushels; seeding will require about 54,000,000 bushels; aggregate, 362,000,000, which quantity deducted from the production, 612,000,000 bushels, leaves 250,000,000 bushels as the indicated surplus available for exportation. At the beginning of the crop year, July 1, 1891, the available supplies of Wheat in the country were reduced nearly or quite to what may be accepted as the minimum point.

In past years the maximum point reached in the exportation of Wheat from the United States was for the year ending July 1, 1881, showing a total of 186,475,000 bushels. For the current year, in the light of evidence available at the time of completing the work on this report, the total exportation is likely to reach as much as 220,000,000 bushels, while this quantity will not exhaust the available surplus by approximately 30,000,000 bushels.

It is interesting to note the development of Flour exportation from the United States. There has been an almost continuous yearly enlargement in this feature of trade. In 1876-77 the total was 3,344,000 barrels, and for five years ending with 1880-81 the annual average was 5,375,000 barrels. For the next period of five years, ending with 1885-86, the annual average was 8,620,000 barrels, and for the succeeding period of five years, ending with 1890-91, the average further advanced to 11,218,000 barrels. For the current year the indications are that the total may reach or possibly exceed 15,000,000 barrels, representing about 70,000,000 bushels of Wheat. The largest exportation of Flour previously was in 1889-90, when the total was 12,232,000 barrels.

Taking calendar year records for a series of years, say from 1880 to 1891 inclusive, embracing twelve years, the annual exportation of Wheat from the three great surplus countries averaged as follows: United States, 133,000,000 bushels; Russia, 77,000,000 bushels; India, 33,000,000 bushels.

The countries of the world usually embraced in the records of Wheat production had an outturn in 1891 reaching approximately 2,190,000,000 bushels of this grain. The feature of the year was a great deficiency in Russia, with also an important shortage in France; but the aggregate results were not so seriously below average conditions as was apprehended would be the case, while the United States and Canada were favored with unprecedented yields. In the case of Russia, the crop of Rye in 1891 was even more seriously deficient than Wheat, Rye being grown in that country much more extensively, and entering into food food supplies greatly more than Wheat.

The total Wheat production of the world in 1891, here spoken of as approximately 2,190,000,000 bushels, is exclusive of Caucasasia, Asia Minor, Persia, Poland, Syria, Cape Colony and Tunis, not ordinarily included in the commercial totals. These countries are credited with about 165,000,000 bushels of Wheat in 1891, of which Caucasasia represented 74,000,000, the returns for which country have not heretofore appeared in such statistical exhibits.

An approximation of the world's Wheat production for a period of ten years previous to 1891 indicates an annual average of 2,055,000,000 bushels, toward which European countries contributed a yearly average of 1,236,000,000 bushels, North America 475,000,000, and other countries (India, Algeria, Egypt, Australasia, Chili and Argentina) 344,000,000.

The Corn crop of the United States far exceeds that of any other country in the world, and is an especially important factor in the basis of meat production in this country, the exportation of this grain ordinarily being unimportant in volume. The official estimate of the 1891 crop is 2,060,000,000 bushels. So far as can be judged by analysis of official data the domestic consumption of Corn in late years has averaged about 1,750,000,000 bushels annually—ranging as low as 1,525,000,000 bushels, for the year ending November 1, 1888, and as high as 1,860,000,000 bushels, for the year ending November 1, 1891, at the close of which period available supplies of this grain were practically at the point of exhaustion. Previous to 1891-92 the largest exportation of Corn was in 1889-90, reaching 102,000,000 bushels. For a period of ten years ending with July 1, 1891, the average annual exportation of Corn was 49,000,000 bushels, representing slightly less than 3 per cent. of the production during the same period. The consumption of Corn in distillation of spirits is 15,000,000 to 20,000,000 bushels annually—say approximately 1 per cent. of the production.

Full statistical details of the Grain trade will be found elsewhere in this volume.

FLOUR.

The receipts of Flour were decidedly larger than in any previous year, reaching 1,712,000 barrels, in comparison with 1,587,000 in 1889-90, when the total was 443,000 in excess of the largest previous year. For ten years previous to 1889-90 the annual receipts averaged 930,000 barrels. The local manufacture of Flour is not especially large; within the calendar year 1891 the output of five mills, in the city and adjacent, was 227,963 barrels.

The fluctuations in prices of Flour in this market in 1890-91 were not especially wide. For the first three months of the year the outside range for Winter

Family averaged about \$4 10 per barrel; the second three months, \$4 00; the third three months, \$4 30; the last three months, \$4 15. For the year the average prices, taking in the range of each grade mentioned, were \$4 04 for Winter Family, \$3 64 for Winter Extra, \$3 06 for Winter Superfine, and \$4 60 for Spring Family. Compared with the preceding year values averaged about 75 cents per barrel higher, and in comparison with a period of ten years previously about 35 cents per barrel lower.

There was little of special feature incident to the year's trade. The market was liberally supplied throughout, the offerings embracing a large proportion of the higher grades.

Statistical details appear on pages 95, 107, 108 and 130.

MILL FEED PRODUCTS.

The total receipts of Bran, Middlings and Shipstuff were 31,700 tons for 1890-91, exceeding any previous year; this compares with 25,800 tons in 1889-90, and an annual average of 21,200 for ten years previously. Prices of these products were somewhat variable. The lowest quotation for Bran was \$11 50@11 75, about the first of August; the highest was \$21 50@22 00, the first week in April; the year's average was \$16 64, compared with \$11 16 for 1889-90, and an annual average of \$13 50 for ten years previously. Fine Middlings ranged at \$16 00@17 00 to \$23 00@24 00, the average being \$19 57, compared with \$12 76 in 1889-90, and an annual average of \$17 80 for ten years previously. The year's average for Coarse Middlings was \$18 27, compared with \$11 49 in 1889-90, and \$15 90 for a period of ten years previously. Shipstuff averaged \$16 99, against \$11 13 in 1889-90, and \$14 30 for a period of ten years previously.

Comparisons in detail appear on pages 108, 109, 131 and 140.

HAY.

The receipts of Hay were large for the year, 111,000 tons, compared with 97,000 the preceding year, and an annual average of 65,000 for ten years previously. Prices of No. 1 Timothy, loose pressed, in lots on arrival, were fairly steady the first half of the year, the range being chiefly within \$9 00@10 00, with some instances of \$10 50. In April prices were advanced to \$15 00@15 50 under a temporary reduction in arrivals, subsequently receding to \$10 50@11 50, and later in the commercial year \$12 00@13 00. The average price for the year was \$10 58, against \$10 56 per ton the preceding year, and \$13 70 for a period of ten years previously.

Statistical exhibits appear on pages 131, 140 and 148.

PROVISIONS.

The trade year in Hog Products is calculated as beginning on November 1, divided into winter and summer seasons—the first, four months ending March 1; the second, eight months. Cincinnati continues to operate far more actively in the winter months than in the summer season, in slaughtering Hogs. The year's business here varies in its relation to other Western points, under the more or less urgent demand from Eastern markets for Hogs, with its influence on supplies

and prices in territory immediately tributary to this city. The enlarged demand eastward for Live Hogs has operated against growth of slaughtering operations here in late years, but this has been balanced in a large measure by the facilities for receiving Green Meats by refrigerator cars from Western points, so that the curing operations here have been well maintained, under the encouragement which this interest finds incident to the favorable situation of Cincinnati as a distributing center. Under this change in the order of things the record of slaughtering has ceased to afford an indication of the relative business done at Cincinnati in handling Hog Products.

The receipts of Meats the past year have largely exceeded any previous yearly record, the total being 103,000,000 pounds, in comparison with 78,000,000 for the preceding year, and an annual average of 59,000,000 for ten years previously, the average for the next previous ten years being 28,000,000 pounds.

The shipments of Meats for the year were 132,000,000 pounds, compared with 103,000,000 in 1889-90, and an annual average of 101,000,000 for ten years previously; for the next previous ten years the annual average was 103,000,000 pounds.

The number of Hogs slaughtered at Cincinnati for the year ending March 1, 1891, was 523,800, compared with 464,500 the preceding year, and an annual average of 520,000 for ten years previously. The largest yearly total was in 1878-79, showing 778,000.

For the past year the entire range in prices of Short Rib Sides (dry salted) in this market was $4\frac{1}{2}$ @ $7\frac{5}{8}$ cents, averaging 6.04 cents, compared with 5.23 the preceding year, and an annual average of $7\frac{5}{8}$ cents for ten years previously. The entire range for Lard (winter prime steam) for the year was $5\frac{1}{2}$ @ $7\frac{1}{8}$ cents, averaging 6.20, against 5.96 in 1889-90, and 8.10 cents annually for ten years previously. The year's range for Hams (sugar-cured) was $8\frac{1}{4}$ @12 cents, averaging 10.17, against 10.67 in 1889-90, and 11.66 for ten years previously.

The extent and importance of Western pork packing operations may be judged by reference to figures of cost of Hogs purchased by packers. For the year ending March 1, 1873, such outlays amounted to \$64,000,000. At that time summer operations were small. Through the changes which have been going on this feature of the manufacture has greatly enlarged, so that records for the summer season have advanced in significance equal to those of the winter season. In 1881-82 the cost of Hogs for the year reached \$154,000,000, and for the succeeding year a like sum. Prices were exceptionally high in those years. With lower prices subsequently the aggregate outlay for Hogs was reduced. But the enlarged number of animals marketed in 1890-91 brought the total cost of Hogs for the year up to \$158,000,000.

For the period of ten years ending with March 1, 1891, the aggregate outlays for Hogs in the West by packers were \$1,350,000,000, and the number of Hogs handled during this period was 117,000,000. Within the same period Eastern slaughtering concerns handled 47,000,000 Hogs, for which the outlays were fully \$550,000,000.

The enormous proportions of these figures suggest the importance to which the pork packing industry has reached in the United States.

Turning to the records of exports, it is shown that the highest valuation in the annual clearances of Hog Product was in the year ending June 30, 1881, reaching nearly \$105,000,000. For the ten years ending in 1891 the annual average value was over \$70,000,000. During this period there was a great enlargement in the exports of Beef, including the dressed, salted and canned product, reaching \$28,500,000 in 1890, and a like amount in 1891, the annual average for a period covering ten years being something over \$19,000,000. In 1890 the aggregate exports of Beef represented 398,000,000 pounds; in 1891 it was 361,000,000 pounds. Besides this exportation of Beef Product the clearances of Live Cattle reached a value exceeding \$30,000,000 for the year ending June 30, 1891, and \$31,000,000 the preceding year.

In the consumption of swine flesh, no other country approaches the United States in the rate per capita, and it is evident that no animal food product in general use is shown to be more free from unwholesomeness. An analysis of the indicated animal slaughterings of Hogs in the United States and the exportation of product, leads to the conclusion that about 57 pounds of swine flesh are consumed annually per capita in this country, and about 8 pounds of lard.

Statistical details of the Provision trade interests will be found on pages 110 to 128, inclusive.

BUTTER AND BUTTERINE.

The reported receipts of Butter for the year were 72,800 packages—it being impracticable to state the quantity by weight, which may be estimated at about 4,000,000 pounds. The supply varied but moderately from previous late years. The range in choice dairy quality for the year was as low as 10@11 cents per pound, in May and June, after having reached 22@25 cents previously; average for the year 14.98 cents, compared with 13.50 in 1889-90, and 19.50 as the average for ten years previously. Fine Creamery Butter ranged as low as 17@18 cents, and as high as 28@30 cents, averaging 22.89 for the year, compared with 20.81 the preceding year, and 27.21 as the average for ten years previously.

The year's receipts of Butterine were 2,224,000 pounds, largely exceeding previous years. Average price for the year 16.23 cents, compared with 15.28 as the average for ten years previously.

Statistical comparisons appear on pages 129, 140 and 142.

CHEESE.

Receipts of Cheese for the year were 120,000 boxes, slightly smaller than in 1889-90, but exceeding any previous year in a long period. Prices were 9@9½ cents per pound for choice factory quality in September, continuing comparatively steady for several months, advancing moderately in January and subsequently, until 11½@12 cents was reached in April, under reduced offerings incident to the closing period of the season for this product. Subsequently prices receded to 7@8 cents, ruling at 9@9½ at the end of August. For the year the average price was 9.60 cents, compared with 9 cents in 1889-90, and 10.46 as the average for ten years previously.

Statistical exhibits appear on pages 129, 140 and 143.

EGGS.

The arrivals of Eggs for the year were 262,000 packages—falling somewhat below the preceding year, but comparing well with other years in quantity. The range of prices was 12@22 cents per dozen; average for the year, 16.30 cents, compared with 13.54 in 1889-90, and 16 cents as the general average for ten years previously. The facilities offered by cold storage serve to equalize prices, by the opportunity afforded for removing supplies from the market at times when they are excessive.

Tabular comparisons appear on pages 129, 140 and 143.

DRIED FRUIT.

Owing to failure of the apple and peach crops in 1890 in the larger producing sections east of the Rocky Mountains, with exception of some localities in Western Tennessee, Missouri and Kansas, high prices for Dried Fruit prevailed throughout the year, quite in contrast with the exceptionally low values of the preceding year. Quotations of prime quality Dried Apples were 7@8 cents at the opening of the year, continuing without essential change until January, when they were advanced to $8\frac{1}{2}$ @ $9\frac{1}{2}$ cents, and subsequently to 10@11 cents per pound. For Dried Peaches, the year began at 7@8 cents per pound, for prime quality, ruling quite steady until December and January, when $8\frac{1}{2}$ @ $9\frac{1}{2}$ and $9\frac{1}{2}$ @ $10\frac{1}{2}$ cents were reached, subsequently receding to 8@9 cents. There were considerable supplies brought over from the preceding year, and the consumption of these fruits was large, the stocks being depleted to a low point. A feature of the season was the demand for sun-dried apples to the neglect of evaporated fruit, the latter declining in price, while the former were advancing. The average price for the year for Dried Apples was 9.07 cents per pound, compared with 3.72 cents the preceding year, and 4.80 cents as the general average for a period of ten years previous to 1889-90. The average price of Dried Peaches for the year was 8.16 cents, compared with 3.11 cents the preceding year, and 5.81 cents for a period of ten years. There was considerable trade in California Dried Fruits during the year, although the distribution was restricted during a portion of the time by the advanced values asked, and there was some stock carried over to the new season.

Statistical details appear on pages 130, 140 and 144.

GREEN FRUITS.

Cincinnati is favorably situated with reference to securing supplies of Green Fruit, including both home and tropical varieties. Thus it has become an important distributing point, and the traffic has grown to significant proportions. Values are equalized, and losses are reduced very greatly, by facilities which cold storage warehouses furnish for removing from the market excessive supplies, and making them available at times of less abundance.

With reference to Apples, the supply in 1890-91 was cut short by the deficient crops of 1890, the year's receipts having been but 153,211 barrels, the smallest quantity in eleven years, and comparing with 210,000 in the preceding year, and an annual average of 257,000 for a period of ten years previously, within which

time the largest arrivals were 363,000 barrels, in 1887-88. Prices of Green Apples in 1890-91 averaged the highest in ten years, \$3 49 per barrel, for prime to choice, compared with \$2 82 in the preceding year, and an annual average of \$2 46 for ten years previously.

The receipts of Oranges for the year were 315,033 boxes, largely exceeding any previous year; in 1889-90 the receipts were 245,000 boxes, and for ten years previously the annual average was 124,000 boxes. The average price of Oranges was \$3 52 per box, compared with \$4 01 in 1889-90, and \$4 53 for a period of ten years previously.

Lemons were received to the extent of 52,562 boxes, falling short of some previous years, notably 1889-90, when the total was 71,000, the largest recorded; for ten years previously the annual average was 42,000 boxes. The average price was \$4 39 per box, compared with \$4 64 in 1889-90, and an annual average of \$4 66 for ten years previously.

Of Small Fruits, etc., there was a supply far exceeding any earlier year, the records showing a total of 21,261 tons, compared with 14,600 tons in the preceding year, and 8,000 tons five years ago.

Incident to the disposition of consignments of tropical fruits, etc., in this city, an auction exchange has been inaugurated, where sales are had at regular times, and which have so fully attracted the attention of dealers as to become a feature of success in the facility thus afforded for advantageous disposal of the various articles and lots offered on the market.

GRASS SEED.

The receipts of Clover and Timothy Seed for the year were 77,400 bags, the smallest total in seven years; in 1889-90, 118,600 bags; for ten years previously, an average of 89,000.

Values of Clover Seed in this market were fairly steady during the year, the range in prices for lots on arrival being $6\frac{1}{2}$ @ $7\frac{1}{2}$ cents per pound, averaging 6.88, compared with 5.64 in 1889-90, and 8.20 for a period of ten years previously. The year began with liberal stocks on hand, and a good supply was maintained. This market at times does considerable business in shipping this product to Europe. The Clover Seed crop in 1890-91 was irregular, and as a whole deficient in both quantity and average quality.

The price of Timothy Seed was quite steady, the range for the year being \$1 25@1 40 per bushel for lots of prime quality, on arrival, averaging \$1 30, the same as in 1889-90; for a period of ten years previously the average was \$1 90 per bushel. The year began with liberal supplies, and ended with a large stock on hand. The quantity of old seed carried in the market in recent years has had a tendency to depress values to a more or less degree. The crop of this seed in 1891 was ample.

Statistical comparisons and exhibits will be found on pages 130, 140 and 146.

GROCERIES.

The receipts of Sugar during the year were in excess of any previous year; of Molasses, only equaled in a single instance, ten years ago. The receipts of

Coffee were the smallest in seven years; of Rice, moderately in excess of the preceding year, and but once equaled in former years.

The special feature of the year was the effect of the passage of the McKinley Tariff Bill, under which Sugar and Molasses were placed on the free list, taking effect April 1, 1891. There being no arrangement for refunding duty paid on sugars on hand at that time there was an enforced reduction of supplies in the hands of dealers to the lowest point known to the trade. Large sales of Sugar in bond were made during the month of March, to be delivered duty free on and after April 1, such sales being on a basis of free sugars at prices about 2 cents per pound below the former price. Previous to April 1 the range of prices within the year, in this market, were $5\frac{1}{2}$ @ $6\frac{1}{8}$ cents per pound for Prime New Orleans, $5\frac{3}{4}$ @ $6\frac{7}{8}$ for A White, and $5\frac{7}{8}$ @ $7\frac{1}{2}$ for Hards. Subsequently the range was 4 @ $4\frac{1}{2}$ cents for New Orleans, $3\frac{7}{8}$ @ $4\frac{3}{4}$ for A White, and $4\frac{1}{4}$ @ $5\frac{7}{8}$ for Hards. The average price for the year was 4.95 for New Orleans, 5.39 for A White, and 6.12 for Hards. Under the lower prices the consumption of Sugar was increased, the consumer receiving the larger part of the benefit from the removal of the duty on the imported product.

The range in prices of New Orleans Molasses previous to April 1 was 32 @ 43 cents for prime quality, and subsequently 30 @ 33 cents. The low price of Sugar had the effect to lessen the consumption of Molasses. The average price for the year was 34.60 cents per gallon, compared with 40.39 the preceding year, and 48.18 for a period of ten years previous to 1889-90.

The crop of Louisiana Sugar for the year 1890-91 was equivalent to about 450,000 hogsheads, a quantity never reached previously excepting in one season, 1861-62. For 1889-90 the production was 235,000 hogsheads, and for ten years previous to 1889-90 a yearly average of 207,000.

In Coffee, the market ruled comparatively steady throughout the year, prime grade Rio ranging at $21\frac{1}{2}$ @ $21\frac{3}{4}$ the first of the year, and closing at 20 @ $20\frac{1}{2}$ —the average for the year being 20.87, compared with 20.81 the preceding year, and 14.33 for a period of ten years previous to 1889-90.

In Rice, the market ranged at 5 @ 6 cents per pound for Louisiana product the first three months of the year, $4\frac{1}{2}$ @ 6 the next six months, $5\frac{1}{4}$ @ 6 in June, $4\frac{3}{4}$ @ 6 in July, and 4 @ $5\frac{1}{2}$ in August—averaging 5.38 for the year, compared with 5.11 the preceding year, and 5.90 for a period of ten years previous to 1889-90. The average price of Carolina Rice for the year was 6.53, compared with 6.01 the preceding year, and 6.48 for ten years previous to 1889-90.

The aggregate sales of Groceries for the year reached \$18,406,000, against \$18,229,000 in the preceding year.

Statistical details appear on pages 132 to 136, inclusive.

COTTON.

The arrivals of Cotton for the year were 349,839 bales, in comparison with 316,600 the preceding year, and an average of 345,000 for ten years previously. A large proportion of the reported movement represents through shipments. The consumption of Cotton by local mills for the year was 9,960 bales, compared with 11,200 in 1889-90, and 13,368 in 1888-89.

The course of values was downward throughout the year, in line with the controlling markets for this staple. The year began with middling at 11 cents, and closed at $8\frac{1}{4}$ cents, the average being 9.25, compared with 11.04 the preceding year, and 10.45 for a period of ten years previously.

The Cotton crop of the United States for 1890-91, according to the *Financial Chronicle*, was 8,655,000 bales, averaging 499.84 pounds, compared with 7,313,000 in 1889-90, averaging 496.13 pounds. For ten years ending with 1888-89 the annual average production was 6,317,000 bales. The estimated consumption of Cotton for the year in the United States and Canada was 2,643,000 bales, compared with 2,432,000 in 1889-90. For five years previously the average was 2,150,000.

On the basis of 400 pounds per bale, the world's visible and invisible stocks of Cotton at the beginning of the year 1890-91, as stated by the *Financial Chronicle*, was 1,434,000 bales; the world's aggregate production for the year, 12,570,000 bales—making a total supply of 14,004,000 bales; the consumption for the year, 11,803,000 bales; lost by burning, etc., 120,000—making a total of 11,923,000; stocks at the end of the year, 2,081,000—representing 1,734,000 visible, and 344,000 invisible. The increase at the end of the year in comparison with its beginning was 647,000 bales of 400 pounds.

The world's visible and invisible supply of Cotton on September 1, 1891, while larger than in any previous year for seven years, was not so great as in the years 1881 and 1883, and in seven of the eleven years from 1866 to 1876, inclusive. For ten years, 1881 to 1890, inclusive, the annual average for September 1 was 1,799,000 bales of 400 pounds; for the preceding period of ten years, an average of 2,086,000 bales, or practically the same as for September 1, 1891—the largest total being in 1871, 2,578,000 bales.

Of the world's production of Cotton in 1890-91 the United States represented 81 per cent.; in 1889-90, 77 per cent.; for ten years previously, $76\frac{1}{2}$ per cent.

Statistics of the world's consumption of Cotton heretofore presented have not included manufacture in India, where there has been rapid progress in this industry in recent years, the consumption advancing from 262,000 bales in 1878-79 to 585,000 in 1884-85, and approximately 1,100,000 bales (400 pounds) in 1890-91.

Statistical exhibits appear on pages 130, 150, 151 and 152.

COAL AND COKE.

The total receipts of Coal for the year were the largest on record, 72,345,782 bushels, of all kinds, equal to 2,608,923 tons. Pittsburgh (or Youghiogeny) Coal represented 60 per cent. of the receipts, Kanawha 26 per cent., and all other kinds 14 per cent. The total receipts in the preceding year were 68,000,000 bushels; average for ten years previously, 57,000,000. The shipments of Coal for the year aggregated 13,814,000 bushels.

The year's range of prices for Youghiogeny Coal, afloat, was $6\frac{1}{2}$ @ $8\frac{1}{2}$ cents per bushel, averaging 7.28, compared with 6.78 in 1889-90, and 8.33 for ten years previously; for Campbell's Creek, 6 @ $7\frac{1}{2}$ cents, averaging 6.75, compared with 6.37 in 1889-90, and 7.97 for ten years previously; for Raymond City, 6 @ $7\frac{1}{2}$ cents, averaging 6.75, compared with 6.33 in 1889-90.

Prices of lots delivered to consumers ranged during the year for Youghiogheny at \$2 75@3 00 per ton of 2,000 pounds, averaging \$2 84, compared with \$2 69 in 1889-90, and \$3 40 for ten years previously; for Campbell's Creek and Raymond City the prices for the year were the same as for Youghiogheny.

The trade was disturbed by a strike in the Pittsburgh district in March, and the output was curtailed, but considerable supplies were available for movement on the rise in the river which occurred in June, which was sufficient for clearing all the coal at the mines. Subsequent opportune rises in the Ohio River favored the trade, but the Kanawha region suffered from low water.

The approximate value of the Coal received during the year was \$5,208,000.

The receipts of Coke were 5,921,000 bushels, and the manufacture during the year in the Cincinnati district 5,032,000 bushels. The yearly average price of city manufactured was 8.44 cents per bushel; of gas-house, 8 cents; of Connells-ville, \$6 20 per ton, delivered to consumers.

Coal and Coke trade statistics appear in detail on pages 153 to 156, inclusive.

PIG IRON.

The records of receipts of Pig Iron at Cincinnati in 1890-91, with the sales of dealers here for shipment direct from the furnaces or places of storage to destination, show a total of 948,400 tons, compared with 820,100 in 1889-90, and an average of 481,500 for ten years previously—representing an approximate valuation of \$17,783,000 in 1890-91, compared with \$15,376,000 in 1889-90, and a yearly average of \$10,583,000 for a period of ten years previously.

In the earlier part of the commercial year the demand for Iron was good. The subsequent financial disorders interrupted the business more or less, and later the general output in producing regions was for a time curtailed by strikes in Pennsylvania; but the year's production was large, and met with a good demand during most of the time. Prices of Pig Iron in this market for the coke product, representing the bulk of the business, were fairly steady during the year, ranging at \$14 75@18 50 per ton, averaging \$16 35, compared with \$17 65 in 1889-90; for five years ending with 1888-89 the average of this class of Iron was \$18 40, and for the preceding period of five years \$25 00 per ton.

With the development of Iron production in the South, this city has become an especially important market in this product, and has probably become the largest one in the country in the distribution of Pig Iron, the sales of our dealers representing approximately 10 per cent. of the entire production.

Statistical exhibits appear on pages 156 to 159, inclusive.

MANUFACTURED IRON.

The business in Manufactured Iron and Steel for the year was of large volume. The reported receipts were 174,512 tons, falling short of the preceding year, but largely exceeding any year previously. In 1889-90 the receipts were 193,000 tons, and for ten years previously the annual average was 128,000. The lower cost of Iron has greatly widened its uses, notably in architectural work.

Receipts of Nails for the year were 772,400 kegs, compared with 838,000 in 1889-90, and an annual average of 552,000 for a period of ten years previously. The range of prices for the year, basis 12d., was \$1 70@2 00 per keg, the general

tendency being downward. The average price for the year was \$1 84, compared with \$2 26 in 1889-90, and \$2 58 average for a period of ten years previously.

WHISKY.

The receipts of Whisky for the year were 292,009 barrels, compared with 245,000 the preceding year; the annual average for a period of ten years previously was 214,000. The production in this district, (Cincinnati, Covington, Newport, etc.,) for the year was 10,461,906 gallons, compared with 11,581,000 the preceding year, and an annual average of 12,683,000 for a period of ten years previously. The shipments were in excess of any previous year, amounting to 524,126 barrels; for 1889-90, 486,000; average for ten years previously, 463,000. The shipments of Alcohol were 5,081 barrels, against 9,000 in 1889-90.

The value of Whisky produced and received at Cincinnati during the year was \$29,863,000, compared with \$26,166,000 in 1889-90; average for ten years previously, \$26,978,000.

The basis price of Proof Spirits on September 1, 1890, was \$1 13 per gallon; the changes during the year were to \$1 14 on October 21, \$1 15 on March 11, \$1 16 on March 13, \$1 18 on April 17, \$1 17 on April 27, \$1 16 on May 19, \$1 17 on July 28, \$1 18 on August 18—which was the price at the close of August. The average price for the year was \$1 15, compared with \$1 04 in 1889-90, and an annual average of \$1 10 for a period of ten years previously.

The year's business in Whisky was in the main satisfactory to the dealers. The control of the Northwestern product continued with the Distilling and Cattle Feeding Company. The advance in value noted during the progress of the year was due to enhanced cost of grain.

In the affairs of the Distilling and Cattle Feeding Company the most notable action during the year was the acquisition of the two large opposition distilleries, at Chicago, the Schufeldt and the Calumet houses. These had been the sources of the greatest trouble to the company, and annoyance to the general trade, and their purchase was looked upon as of important benefit in the interest of harmony, and of material assistance in the consolidation of the business.

In Kentucky the situation was less favorable. The distilleries mainly started in the autumn, before the high prices of grain were fully realized, and as a result the amount made was largely in excess of the demand, and depression naturally followed. The product of the preceding year was from low-priced grain, and excessive in quantity; this product found a better market than it otherwise would, if the cost of Spirits in the North for the past year had not been so high. Large quantities of Bourbon, and what are known to the trade as "patent" or "quick aging" product, were sold at lower figures than Spirits could be made for at current prices for grain. The production of Bourbons of 1890-91, however, were at a very high cost, and the excessive amount made, it is believed, will operate to depress the market for some time to come, so far as that season's product is concerned. Pennsylvania Ryes having been differently handled, proved very remunerative to distillers in that section of the country.

The quantity of Spirits rectified in the Cincinnati district in 1890-91, was 12,931,300 proof gallons, compared with 12,976,000 in 1889-90.

Statistical exhibits of the trade appear on pages 164 to 167, inclusive.

BEER, ALE, ETC.

The quantity of Malt Liquors manufactured in this city during the year was the largest on record, the total reaching 1,379,608 barrels, including 115,830 barrels manufactured in Covington, Newport, etc. This total compares with 1,288,000 barrels in 1889-90, and a yearly average of 931,000 for ten years previously. The receipts for the year were 69,500 barrels, and the shipments 613,159 barrels. The value of the production for the year was approximately \$8,800,000.

The local consumption of Malt Liquors during the year was about 815,000 barrels, representing 25,265,000 gallons, for which the consumers paid a sum aggregating \$10,000,000 or more.

In the year's production there were used about 2,250,000 bushels of malt, and about 1,550,000 pounds of hops.

The year's business has been a fairly satisfactory one to the producers. Competition has been increasingly felt, however, in the distribution by shipments to other markets, especially in the South, where brewing operations are enlarging under the facilities offered by refrigerating processes.

Statistical exhibits appear on pages 130 and 168.

TOBACCO.

The receipts of Leaf Tobacco for the year were the largest on record, 80,803 hogsheads and 2,354 cases. In 1889-90 the receipts were 75,315 hogsheads, and the annual average for ten years previously was 54,800. The sales at the warehouses for the year were 81,565 hogsheads, compared with 75,303 the preceding year, and 51,900 for a period of ten years previously.

The approximate average price of Leaf Tobacco for the year was 8 cents per pound, practically the same as for the preceding year; the annual average for a period of ten years previously was 10½ cents. The trade of the year was without special feature, aside from the enlarged volume of business.

The manufacture of Chewing Tobacco, at Cincinnati, Covington and Newport, was 1,662,000 pounds for the year, and of Smoking Tobacco 1,021,000, making a total of 2,683,000 pounds.

The number of Cigars manufactured in the Cincinnati district within the year was 131,052,000, exceeding any previous year; in 1889-90, 122,467,000; average for ten years previously, 112,300,000.

Statistical exhibits of this interest will be found on pages 160 to 163, inclusive.

BOOTS AND SHOES.

The manufacture of Boots and Shoes at Cincinnati continues to enlarge, the value of the product for the year being approximately \$7,250,000. The class of goods turned out here has attracted special attention for meritorious quality, and many dealers formerly accustomed to limit their business to Eastern work have included the Cincinnati goods in their stocks, under the widening demand for such work. The total sales of Boots and Shoes for the year were \$11,735,000, against \$11,027,000 the preceding year. The local manufacture represents about 62 per cent. of the entire business. An incident in the distributing trade in this

line is the increasing tendency in the direction of shorter period of time-sales to interior dealers, particularly noticeable the past year.

CANDLES AND SOAP.

The shipments of Candles for the year were 150,815 boxes, compared with 171,000 in 1889-90, and an average of 196,000 for a period of ten years previously; for earlier years the business was of much larger proportions. The price of Star Candles averaged 8.50 cents per pound, the same as in 1889-90; for ten years previously the average was 11.80 cents.

The Soap trade in 1890-91 exceeded any previous year; the shipments were 1,011,831 boxes, compared with 927,000 in 1889-90, and 691,000 as the average for ten years previously.

Tabulated exhibits will be found on pages 139 and 169.

CARRIAGE MANUFACTURING.

The manufacture of vehicles is an especially important industry in this city, and the yearly output exceeds that of any other locality in the country. The business has been fully maintained during the year, but with more than ordinary competition from other localities, and with some special disadvantages to contend with, compared with other years. The central position of Cincinnati, facilities for obtaining material favorably, advantages of climate, and other causes, have given encouragement to the interest, in which there has been centered great enterprise, incident to the production of high-grade work. The value of the year's manufacture was about \$10,000,000. The distribution reaches almost all portions of the country, especially in the lighter class of vehicles, such as buggies, etc., which are a special feature of the business here.

CLOTHING.

In the extent of capital employed and value of product the manufacture and sale of Clothing at Cincinnati stands near the head in importance. For the past year the returns of sales in this line show an aggregate of \$23,220,000, in comparison with \$21,060,000 in 1889-90, and an annual average of \$17,420,000 for ten years previously. These sales are exclusive of a large business in furnishing goods, women's apparel, etc. The bulk of the sales of Clothing represent the product of local workshops.

COOPERAGE.

The trade in Cooperage was moderately increased during the year. Values were fairly steady in leading articles. Whisky Barrels ranged at \$1 35@1 65, Lard Tierces at \$0 90@1 25, and Pork Barrels at \$0 65@1 00. The aggregate value of the product of local manufacture during the year was about \$1,250,000.

Weekly quotations and comparisons appear on page 149.

DRY GOODS.

The aggregate sales of the Dry Goods trade, including furnishing goods, reached a moderate gain over the preceding year, notwithstanding the lower values of

staple fabrics. The total sales were \$36,300,000, which compares with \$34,965,000 in 1889-90, and \$24,203,000 in 1880-81. For a period of ten years, 1880-81 to 1889-90, inclusive, the annual average was \$27,515,000. The past year was the largest in value of sales, and considerably in excess of any previous year in the history of the city in volume of goods handled. Compared with 1880-81 the value of sales show an advance of 50 per cent., while the gain in volume of goods probably exceeds 75 per cent. The lower prices in nearly every department the past year encouraged an enlarged consumption of textile fabrics, particularly with reference to cotton goods. Domestic woolen goods were but moderately reduced, and foreign fabrics not essentially changed in values.

FEATHERS.

The volume of business in Feathers during the year was fully equal to previous years, but not essentially enlarged. Prices ruled fairly steady, the average for the year being 41 cents per pound for prime live geese stock—ranging up to 43@44 cents early in the year, subsequently declining to 40, rallying later to 42@43, and again receding to 40@41.

FLAXSEED.

The crop of Flaxseed in 1890 was a large one, estimated at about 12,000,000 bushels. In September the price in this market was \$1 58 per bushel, but as the season progressed values weakened, with a marked decline toward the close of the commercial year, under the influence of prospects of a large increase in the season's production, and values were as low as 96 cents at the close. The average price of the year was \$1 18 per bushel, compared with \$1 26 the preceding year, and \$1 17 as the general average for a period of ten years previous to 1889-90. The Flaxseed crop of 1891 is estimated at approximately 18,000,000 bushels. The low point reached in values has admitted of an export movement to some extent, a feature with scarcely a precedent, with reference to this product.

FURNITURE.

The manufacture of Furniture in Cincinnati has long been a prominent industry, and has been prosecuted with great enterprise. The yearly value of local manufacture has reached approximately \$9,000,000; including quite a variety of this class of products received from other localities the entire sales of the year were about \$10,000,000. The skill and taste displayed in this industry here, with the facilities commanded for securing and manipulating by the most improved machinery and processes the material used, have combined to give our Furniture manufacturers fame, and an extensive trade for their products.

HOPS.

The supply of Hops during the year was somewhat below the average of recent years. Prices in the earlier months were advanced to high figures, the outside range in October, November and December being 50 cents per pound; subsequently a large decline occurred, the outside figures being 40 cents in January and February, 36 in March, 35 in April, May and June, 33 in July, and 25

in August—averaging 34.93 for the year, for choice quality, compared with 17.40 in 1889-90, and an average of 29.31 for ten years previously. The prices of Hops have very great changes from time to time; in 1877-78 the yearly average was as low as 11.26 cents; in 1882-83, as high as 78.07 cents. The sources of supply for the year were practically the same as in previous recent years.

LARD OIL.

While the trade in Lard Oil is much reduced in comparison with former years, under the influence of competitive products, there is still considerable manufactured in this city. The changes in prices during the year were moderate; the entire range of quotations was 50@55 cents per gallon, averaging 52.51, compared with 57.22 in 1889-90, and 68.73 for ten years previously.

Weekly and annual prices are shown on pages 137 and 138.

LINSEED OIL.

The year opened with a firm market for Linseed Oil, and prices well maintained for two months, notwithstanding the fact that the year's production of flaxseed was understood to be over average in quantity. The effect of this was not realized with special force until December, when 10@12 cents per gallon decline from September prices was established. The market was subsequently steadier under concert of action among manufacturers, and a moderate recovery in prices was maintained until the beginning of June, when the arrangement between crushers fell through, and a drop of about 5 cents per gallon resulted, there being a surplus of stock on hand, and a promise of an unusually large crop of flaxseed. The declining tendency in prices continued until into August, when jobbing quotations were as low as 37 cents, and transactions in some instances as low as 33@34 cents, compared with 57@59 cents at the opening of the year. The point reached in August was the lowest ever known in the trade. The average price for the year was 52.67 cents, compared with 59.30 the preceding year, and 52.95 for a period of ten years ending with 1888-89.

LEATHER.

The receipts of Leather for the year were 61,041 bundles, largely exceeding any previous year; in 1889-90, 51,500 bundles, and for ten years previously an average of 39,700. Shipments for the year also were the largest on record, 79,162 bundles, compared with 70,300 in 1889-90, and an average of 47,900 for ten years previously. Estimated value of the year's receipts, \$2,320,000; of shipments, \$3,166,000. Prices were quite steady during the year, averaging 27.70 cents per pound for best light to heavy city-tanned oak sole, compared with 27.82 in 1889-90, and 32.62 for ten years previously.

The local manufacture of Leather is an important industry, the year's output being valued at about \$4,750,000.

LIVE STOCK.

The receipts of Hogs for the provision trade year ending October 31, 1891, were 926,754, falling short of the preceding year, when the total was 1,091,490.

The annual average for a period of ten years previously was 860,000. Prices of Hogs, for packing grades, were as low as \$3 20@3 35 per hundred pounds in the winter season, in December, ranging up to \$3 75@4 05, and averaging \$3 60 for the four months, ending March 1. This was the lowest average since 1878-79. For the eight months of the summer packing season the highest range was \$5 35@5 60, for packing grades, in July; for the first half of this period the average was \$4 60; second half, \$4 95; for the eight months, \$4 75; for the year, \$4 40. Fine heavy butcher grades averaged about 15 cents per hundred pounds above packing qualities.

Cattle receipts for the commercial year, ending August 31, were 245,727, exceeding any previous year, and comparing with 222,345 in 1889-90; the annual average receipts for ten years previously were 207,500. Prices of Cattle were low a considerable part of the year; some improvement was developed in January, the tendency being moderately to higher prices until the latter part of April, when medium grades of butcher stock sold at \$4 50@4 90, compared with \$2 25@3 00 at the low point of depression in November, when the market was seriously oversupplied with unfinished stock. The year's average price of fair to medium quality of butcher stock was \$3 28, against \$2 90 in 1889-90, and \$3 37 annually for a period of ten years previously. The higher grades of butcher and shipping stock had an irregular relation to the medium grade in prices, the difference being generally 50@75 cents per hundred pounds, and a wider difference at times.

Sheep receipts for the year were 637,950, which compares with 529,016 in 1889-90, and 591,500 as the annual average for ten years previously. This class of stock is largely sold for shipment to Eastern markets, such disposition representing 75 to 80 per cent. of the supply. Prices had moderate fluctuations most of the year, choice quality ranging up to \$4 75@5 00 in September, October, November and December; to \$5 00@5 75 in January and February; \$5 75@6 00 in March; \$6 00@6 50 in April—subsequently \$5 00@5 25 as outside figures. Including the lower range for good to extra quality the year's average, per hundred pounds, was \$4 83, against \$4 84 in 1889-90, and \$4 50 for ten years previously.

HORSES.

The receipts of Horses and Mules for the year were 26,638 head, the largest on record, although not greatly exceeding several previous years. The number in 1889-90 was 22,800, and for ten years previously the annual average was 23,100.

The sales of Horses and Mules at the several sales stables aggregated 16,857 head for the year, at an average value of \$75 00, compared with \$79 00 for the preceding year, and \$87 00 as the annual average for ten years previously.

The displacement of Horses and Mules in the street railway service through the increasing adoption of motor and cable power has tended to lessen the local demand for these animals.

MANUFACTURING COMPARISONS.

The evidences of important growth in manufacturing operations at Cincinnati are positive and satisfactory. It is shown by the statistical exhibits embraced in

the Chamber of Commerce reports that the total value of the products of Cincinnati, and the adjacent factories on the south side of the Ohio River, was \$236,000,000 in 1890. Of this approximately \$225,000,000 was represented by Cincinnati, in comparison with previous returns, which did not include the work of these adjacent establishments. In 1880 the total value of products was \$149,000,000; in 1870, \$119,000,000. From 1870 to 1890 the increase in value of products was 90 per cent. If the average decline in value of products from the earlier to the later year be calculated at 33 per cent., which is undoubtedly quite within a conservative view, it follows that it required 50 per cent. more of goods in 1890 than it did in 1870 to represent an equal total valuation. On this basis the ratio of the volume of goods produced in 1890 compared with 1870 was as 283 to 100—nearly three to one.

NAVAL STORES.

The receipts of Turpentine for the year were 24,621 barrels, compared with 28,000 in 1889-90, which quantity was larger than in any previous year; for ten years prior to 1889-90 the yearly average was 14,500 barrels. Prices ranged at 37@44 cents per gallon, averaging 41.06; for ten years, including 1890-91, the average was 41.53 cents, the lowest annual average within the period being 33.24, in 1884-85; the highest, 52.70, in 1881-82.

The receipts of Rosin were 70,873 barrels, compared with 75,000 in 1889-90, and an annual average of 50,800 for ten years previously. Prices ranged at \$1 80 @2 25 per barrel for car lots, averaging \$1 95 for the year; small lots from store ranged at \$1 90@2 35, averaging \$2 07.

Statistical comparisons appear on page 170.

PAPER.

The manufacture of Paper is an important industry in the vicinity of Cincinnati, and this city does a large distributing business in this product. Returns to the Chamber of Commerce from mills in the tributary region indicate a total production of 124,567,000 pounds for the year ending June 30, 1891, compared with 118,925,000 pounds in 1889-90, and an annual average of 80,000,000 pounds for a period of ten years previously. The value of the production the past year was \$5,079,000, compared with \$5,255,000 in 1889-90, and \$4,200,000 as the annual average for the previous ten years. These figures indicate in some degree the cheapening processes introduced in the manufacture of Paper, although the shifting in the relation of the various grades to the whole product precludes an exact comparison in this particular. For the various makes of Paper classified as book, the yearly average value at the mills for a period of five years ending with 1880 was approximately 10 cents per pound; for five years ending with 1885, 8 cents; for 1890-91, 5.40 cents. The qualities of Paper classed as news averaged 7.20 cents per pound for five years ending with 1880; 5.90 cents, for five years ending with 1885; 3.20 cents in 1890-91.

During the past year the tendency of the lower grades of Paper continued downward, while the better qualities were about steady in values. There was some enlargement in the capacity of the mills in the district through improve-

ments and betterments in the plants in various instances. The indicated total production shows a fair gain in the output, with a small reduction in total valuation, compared with 1889-90.

See page 172 for statistical comparisons and details.

PEANUTS.

The crop year in the Peanut trade begins October 1. The receipts at Cincinnati for the year ending September 30, 1891, were 162,700 bags, representing approximately 71,000 Virginia and 91,700 Tennessee stock. So large a supply from Virginia was never before drawn to this market. At 4 bushels per bag, the Virginia supply represented 284,000 bushels; at 5 bushels per bag, the Tennessee supply represented 458,000 bushels—making an aggregate of 742,000 bushels. The shipments for the year were 79,900 bags, estimated to average $4\frac{3}{4}$ bushels, representing approximately 380,000 bushels.

The year began with a bare market, the total stock being only 5,000 bushels. As the season advanced, supplies became liberal. There was more than ordinary uniformity in quality of the product, and prices were without striking fluctuation the most of the year. The average price of choice white farmers' stock for the year was about $3\frac{1}{2}$ cents per pound, and for screened nuts 4 cents per pound—values ruling considerably above these figures in the early part of the year. For the preceding year the average was $6\frac{1}{2}$ cents, and for a period of ten years previously the annual average was 4.84 cents. At the close of the year, September 30, 1891, the supply on hand at Cincinnati was 66,500 bags, representing about 301,000 bushels.

Additional statistics will be found on pages 141 and 171.

PETROLEUM.

The arrivals of Petroleum at Cincinnati were about 6 per cent. smaller than the preceding year, but there was a large increase in sales here of product which was shipped directly from points of production to consuming markets without appearing in the local receipts—this increase being 27 per cent.—so that the aggregate business was very considerably increased. The price declined from $8\frac{1}{2}$ cents per gallon the first of the year to $6\frac{1}{2}$ @ 7 cents at the close, the lowest in the history of the trade. Average price for the year, 7.82 cents, compared with 8.38 cents the preceding year, and a general average of 9.64 for a period of ten years previous to 1889-90. These quotations relate to 120° flash test Carbon Oil. It is to be noted that the quality of illuminating oil has been brought to so high a standard that accidents from explosions are now rarely known, and when they occur are due to extreme carelessness.

On pages 133, 137 and 138 will be found statistical details and comparisons.

POTATOES.

The crop of Potatoes in 1890 was much smaller than in any recent year, excepting 1887; nevertheless the receipts for the year were but little short of the greatest number previously recorded, and were exceeded in but two seasons; the

total was 605,017 barrels and bags, compared with 359,000 in 1889-90, and an average of 414,000 for ten years previously. Prices were well sustained during most of the year, ranging up to \$3 00 per barrel at first, with some periods of depression below this; in December and subsequently outside prices were advanced to \$3 50 and \$3 75, and in March and subsequently to \$4 00 and \$4 25. The average for the year was \$2 99 per barrel, from store, for leading varieties, compared with \$1 67 the preceding year, and an average of \$1 90 for ten years previously.

SALT.

Receipts and sales of Salt during the year were in excess of either of the two previous years, aggregating 415,000 barrels of domestic product. Supplies were mainly from the same sources as formerly—the Ohio River and Kanawha districts, and Michigan. The works at Cleveland furnished a greatly increased quantity. The Ohio River and Kanawha product sold during the year at \$0 85 @1 00 per barrel of five bushels (280 pounds), averaging 93 cents. The trade in foreign product has become reduced to unimportant proportions.

Statistical exhibits appear on pages 131, 141, 148 and 149.

STARCH.

With the exception of the preceding year the manufacture of Starch at Cincinnati in 1890-91 was the largest recorded for this industry—the total being 26,780,000 pounds, compared with 30,071,000 pounds in 1889-90—the average for the two years being 28,425,000 pounds, compared with 22,272,000 pounds as the average for a period of ten years previous to 1889-90. Production in 1889-90 was stimulated by the large speculative demand, in anticipation of an advance in price as a result of consolidation of producing interests. This was naturally followed by lessened demand, which the trade in the past year has experienced, with also inability to establish an advance in price of the product in keeping with the higher cost of corn. The price of Starch the past year was 4 cents per pound; in 1889-90 the average was 2.61 cents; for ten years previously the general average was 2.98 cents.

Detailed exhibits appear on pages 131 and 139.

TALLOW.

The receipts of Tallow for the year were 75,277 tierces, largely exceeding any former year; in 1889-90 they were 54,900 tierces, and for ten years previously averaged 38,000. This very large supply was almost entirely consumed by local manufacturers of soap and candles. The range in prices for the year was $4\frac{1}{2}$ @ $5\frac{1}{4}$ cents, averaging 4.90, compared with 4.52 in 1889-90, and 6.10 for a period of ten years previously.

WOOL.

The receipts of Wool were 39,087 bags, coming closely up to the liberal quantity in the preceding year, when the total was 42,000 bags, being the largest

quantity shown by the yearly records; for ten years previously the annual average was 26,000 bags.

The year began with quotations at 27@31 cents per pound for Ohio fleece-washed, subsequently improving moderately, 29@33 representing the market in November, December and January; later, 27@31 and 26@30, the year closing at 27@31 in August. The average price for the year was 29.67, compared with 30.15 in 1889-90, and 33.17 for ten years previously.

There was no special feature in the trade during the year, the channels of supply and distribution being the same as previously.

Exhibits of weekly and annual prices and of movement appear on pages 133, 141 and 147.

RAILROAD INTERESTS.

There were but few changes of special significance within the year, in the affairs of Railroads centering in this city. The Louisville and Nashville system extended its control to the Kentucky Central, and acquired an important extension of terminal facilities in this city, through an arrangement with the Chesapeake and Ohio and the Cleveland, Cincinnati, Chicago and St. Louis companies, by which direct access was secured to the lower portion of the city, additional to the facilities previously commanded in the upper portion.

The Big Four System made important progress in construction of a commodious and fine general office building, an example of the substantial order of the improvements and progressive work of this line.

The Pennsylvania Line (the Pittsburgh, Cincinnati, Chicago and St. Louis Railroad) forwarded the work of rebuilding freight warehouses, the new structures to represent a decided enlargement in the equipment for this service in comparison with the old building destroyed by fire.

The various other lines centering here kept pace with the times, governed by prudential reasons as well as by promptings of competition for patronage, in maintaining and improving physical equipments and facilities for economical and expeditious service.

A complete or satisfactory exhibit of tonnage of the Railroad Commerce originating or terminating at Cincinnati is not readily attainable. But the records of the Chamber of Commerce furnish data which serve as a useful guide in reaching conclusions with reference to comparisons for different periods. The list of commodities embraced within the statistical work of the Chamber does not cover all the commerce of this center, but it reflects in a general way the relative growth of trade here. The valuation of receipts reported for 1870-71 was \$284,000,000; in 1890-91 it had risen to \$326,000,000. This, however, does not reflect the relative volume of goods moved, for the average of values was very greatly reduced in 1890-91 compared with the earlier period.

The estimated valuation of shipments of merchandise shows a much more marked change than is reflected by the receipts. From \$180,000,000 in 1870-71 it had risen in ten years to \$272,000,000, in 1880-81, and in the succeeding ten years to \$333,000,000, in 1890-91, thus showing a gain of 85 per cent. for the period of twenty years. During this time, as has been mentioned, a great decline in values

occurred, due to cheapening processes in manufacture, and other causes. So that in considering data showing valuation of merchandise representing tonnage of transportation lines, this decline must be recognized, in order to reach intelligent conclusions as to the relative volume of goods moved. To arrive at an average of the decline in values, considering the changes in relative quantities of commodities making up the commerce of transportation lines, would be a very intricate work of calculation. But a survey of the changes in a considerable number of the important articles leads to the conclusion that the average decline has been fully 33 per cent., probably not less than 40 per cent. If the decline has equaled 33 per cent. the volume of goods in 1890-91 must have been 50 per cent. greater than in 1870-71 to represent an equal valuation. On this basis of calculation, the indicated ratio of goods moved in 1890-91 compared with 1870-71 is as 278 to 100—nearly three to one.

It is proper to accept these comparisons in entertaining matters pertaining to transportation interests, for the basis of such calculations is as fair as any that is available.

FREIGHT BUREAU SERVICE.

The Cincinnati Freight Bureau has become established on a firm footing, and its work has been important in the way of adjusting or modifying differences arising between shipping and transportation interests. The organization is maintained in a large part by the Chamber of Commerce, but its service is available as well to merchants who are not members of the Chamber, whereby features of exclusiveness or limitation have no identity with the work performed. Questions arising have had the careful and deliberate consideration of business men, and it has been demonstrated that an organized effort is far more effective than individual endeavor in modifying or removing causes for complaint, and in the satisfactory adjustment of differences. The beneficial influence of the Bureau is not confined to those who are direct participants in its service, but extends throughout this commercial center as a whole, and more or less to interests elsewhere. The Transportation Committee of the Chamber of Commerce constitutes a part of the management of the Bureau.

RIVER TRAFFIC.

The conditions which favored River Transportation interests during two years previously marked the opening of the commercial year 1890-91, accompanied with increasing business, and followed by quite satisfactory results for the year. From 1883 to 1888 low water, ice and floods greatly interrupted traffic, causing serious depression in this interest. With these drawbacks to contend with, and the influence of increasing railroad facilities, there was found little encouragement for outlays upon steamers, so that the equipment for service, under the better conditions, was not equal to former years. There was, however, a more complete organization and a better understanding with reference to rates, which facilitated promptitude in the departures and arrivals of steamers, admitting of an enlarged business under the smaller tonnage, and at a lessening of expense.

The records for 1889-90 showed a large gain in River Business over previous years for quite a period, and this increase was maintained during 1890-91, in both freight and passenger traffic. It is to be noted that this enlargement of volume of River Commerce was due more to an increased movement of manufactures than of produce, there being some deficiencies in crops in the valley region. Southern products, including sugar, molasses, cotton, etc., contributed a liberal volume of freight.

The revival in River Commerce necessitated enlargement of transportation facilities, and during the year two steamers were rebuilt for the Cincinnati, Portsmouth and Pomeroy trade, two for the Cincinnati and Louisville Mail Line, and one new steamer built and one purchased for the Memphis and Cincinnati Packet Company—these three lines being practically under one management.

With the additions mentioned, the equipment in these lines was better than previously during a period of six years—embracing seventeen boats, with a capacity of 11,700 tons, and representing about half of the tonnage engaged in the Cincinnati trade. There were daily departures (excepting Sundays) to Pomeroy, Portsmouth, Madison and Louisville, and intermediate points, and two departures weekly to Memphis.

The Pittsburgh and Cincinnati Packet Company, with an equipment of six steamers, made daily departures, except Wednesdays. The tonnage in this trade was 3,370 tons, and was fully employed. The transportation of iron products and glassware, as shown by River Commerce statistics in this report, were enlarged during the year. There was one new steamer added to the line, and also one was under construction at the close of the year—giving this trade an excellent equipment.

The Southern Transportation Line had five steamers in service, with a tonnage of 5,606 tons, making three departures every two weeks. The line had a good business up to the close of the season. The traffic of this line largely represents reshipments of goods from Pittsburgh, and Lower Ohio business; also, the movement of sugar, molasses, etc., from the South—these products showing the largest volume in any year since 1882. The Thomas Sherlock, of this line, was sunk on February 17, 1891, incident to departing from Cincinnati, causing the loss of two lives—being the only fatality in the Cincinnati trade within a period of eight years. This steamer was immediately replaced by the State of Missouri.

The lines mentioned embrace the most important part of River Transportation interests at Cincinnati. The Kanawha Packet Line made weekly trips to Charleston. The Chilo Packet made daily trips. There were tri-weekly departures to Petersburg.

The year's business has been so satisfactory, following two years of improving returns for River Transportation interests, that expectations have been greatly encouraged, and a further revival in River Commerce is confidently looked for. The large increase in passenger traffic the past two years has occasioned decided improvements to be made in the building of new steamers for the accommodation and comfort of the traveling public. The equipment in the Cincinnati trade now compares favorably with River Navigation facilities anywhere.

With 1890-91 there has been a period of three years of little interruption to the movement of steamers in the Cincinnati trade from low water—the record in this respect being quite exceptional. During this time there has been continuous communication by the largest steamers between Pomeroy and Louisville, and with but short interruptions in the Pittsburgh and Memphis trades. The lowest stage of water recorded at Cincinnati during this time was 4 feet 5 inches. There have been no interruptions to steamers from ice since February, 1888, at this port and below, and only slight delays in the Upper Ohio. The highest stage of water recorded at Cincinnati during the year was 57 feet 4½ inches, on February 25, which occasioned a few days' interruption to traffic, but not attended with serious damage to property or loss of River Transportation.

Statistics of the stages of water in the Ohio River, arrivals and departures of steamers, river commerce, bridges, etc., are given in detail on pages 179 to 188, inclusive.

LIGHT-HOUSE SERVICE.

Steady progress was made during the year, throughout the entire district, in developing the lighting system on the Ohio River and tributaries, under charge of Commodore CHARLES MCGREGOR, until his death, on August 1, when he was succeeded by Commodore EDWIN M. SHEPARD, U. S. N. During the year there were established six post-lights on the Ohio River, and one post-light each on the Kanawha and Tennessee rivers, while there were discontinued on the Ohio River two float-lights—making a total of 527 lights in operation at the close of the year. More lights are very much needed. The further enlargement of this important service will depend upon appropriation for this purpose.

MARINE WORKS.

The Government works relating to water transportation in this district were in charge of Major D. W. LOCKWOOD, Corps of Engineers, during the year. The five locks and dams on the Kentucky River, carrying slack-water navigation with a depth of six feet to Oregon, ninety-nine miles from the Ohio River, have been operated continuously throughout the year. The principal work was in dredging the lock entrances, repairing the dams and guide-cribs, building a new stone abutment for Dam No. 2, and building two new lock-houses. A new lock, length of chamber 185 feet between hollow quoins, width 52 feet and lift 14 feet 6 inches, was commenced May 15. It is proposed to complete the lock, dam and abutment during the present season, which will extend slack-water to High Bridge.

On the Green and Barren rivers, Ky., the lock-walls at No. 3, Green River, and No. 1, Barren River, have been completed, and navigation is now continuous between Bowling Green, Ky., and the Ohio River. The entrances to the locks have been deepened and protected by guide-cribs, and a large number of snags removed from the channel of the river.

The Big Sandy and its principal tributaries, the Tug and Levisa forks, have been cleared of snags, overhanging trees and boulders, with a view to improving low-water navigation. The lock on the Little Kanawha, two miles above Burning Springs, West Virginia, has been completed, and such progress made on the

dam and abutment as to justify expectations that the lock will be ready for use within a brief time. The Guyandotte, Licking and Tradewater rivers have been cleared of snags, overhanging trees, etc., with a view to improving low-water navigation. The Rough River, the site for a new lock, has been selected, and plans, cross-sections, etc., prepared. The channel has been cleared of snags, and the overhanging trees cut down and removed on both banks between the Green River and Hartford.

WEATHER BUREAU SERVICE.

The Weather Bureau Service of the Government has been transferred from the War Department to the Department of Agriculture. The local office is under charge of Mr. P. T. JENKINS, Local Forecast Observer, under whose direction the Chamber of Commerce is daily served with full information, including the Bulletin Board exhibits, which are closely scrutinized and regarded with special interest by a large proportion of the membership. This Service is extending in efficiency and scope, and is of the highest importance to business interests.

On pages 174 to 178, inclusive, will be found complete tabular exhibits of Meteorological matters prepared by Mr. Jenkins for this report.

BANK CLEARINGS.

The relative volume of business in a commercial center is approximately shown in the records of Clearing-house Returns. Such exhibits are not to be wholly relied on in this particular, but they are an important guide. The actual exchanges of the Cincinnati Clearing-house in 1890-91 amounted to \$655,000,000—the largest volume of yearly clearings recorded. The gain over the preceding year was \$39,000,000, or $6\frac{1}{3}$ per cent.

INTERNAL REVENUE.

The collections of Internal Revenue for the year, from all sources within this district, amounted to \$8,996,000—exceeding the preceding year \$372,000. The year's collections represented \$7,226,000 for distilled spirits, \$1,169,000 for malt liquors, \$441,000 for tobacco products, and \$160,000 from special taxes, etc.

STATISTICAL EXHIBITS
OF THE
CINCINNATI CHAMBER OF COMMERCE
AND
MERCHANTS' EXCHANGE,
FOR THE YEAR 1890-91,
WITH COMPARISONS.

CINCINNATI TRADE VALUATION COMPARISONS.

Approximate Aggregate Value of Annual Receipts and Shipments of Commodities, respectively, at Cincinnati, for years indicated :

YEARS.	Receipts.	Shipments.	YEARS.	Receipts.	Shipments.
1855-56.....	\$75,295,901	\$50,809,146	1873-74.....	\$331,777,065	\$221,536,852
1856-57.....	77,950,146	55,642,172	1874-75.....	311,072,639	201,404,023
1857-58.....	83,644,747	52,906,506	1875-76.....	294,214,245	190,186,929
1858-59.....	94,213,247	66,007,707	1876-77.....	260,892,540	191,486,831
1859-60.....	108,347,216	77,037,188	1877-78.....	223,237,157	186,209,646
1860-61.....	90,198,136	67,023,126	1878-79.....	208,153,301	192,338,337
1861-62.....	103,292,893	76,449,862	1879-80.....	256,137,902	253,827,267
1862-63.....	144,189,213	102,397,171	1880-81.....	274,651,218	271,973,776
1863-64.....	389,790,537	239,079,825	1881-82.....	295,605,258	294,719,798
1864-65.....	307,552,397	193,790,311	1882-83.....	284,239,878	290,907,330
1865-66.....	362,032,766	201,850,055	1883-84.....	264,118,642	272,157,351
1866-67.....	335,961,233	192,929,317	1884-85.....	247,347,134	253,260,366
1867-68.....	280,063,948	144,262,133	1885-86.....	254,369,127	264,529,918
1868-69.....	283,927,903	163,064,358	1886-87.....	269,964,877	279,260,068
1869-70.....	312,978,665	193,517,690	1887-88.....	281,935,617	287,443,410
1870-71.....	283,796,219	179,848,427	1888-89.....	287,594,295	295,188,485
1871-72.....	317,646,608	200,607,040	1889-90.....	300,711,893	316,419,785
1872-73.....	326,023,054	213,320,768	1890-91.....	326,247,087	332,765,977

NOTE.—The years subsequent to 1878-79 embrace also the total approximate shipments of goods manufactured in Cincinnati.

CINCINNATI MANUFACTURING COMPARISONS.

Aggregate Value of the Products of Cincinnati Manufacturing Industry, Number of Hands Employed, Value of Real Estate Occupied, Cash Capital Invested, and Number of Establishments Engaged, for years indicated :

YEARS.	Number of Establishments.	Cash Capital Invested.	Value of Real Estate Occupied.	Number of Hands Employed.	Value of Production.
Total for year ending January 1, 1841.....	0.....	0.....	0.....	9,040	\$16,366,443
" " " " 1851.....	0.....	0.....	0.....	28,527	46,189,279
" " " " 1861.....	0.....	0.....	0.....	30,268	46,995,062
" " " " 1870.....	0.....	\$45,225,586	\$36,833,788	59,354	119,140,069
" " " " 1871.....	0.....	51,673,741	37,124,119	59,827	127,459,021
" " " " 1872.....	0.....	50,520,179	40,443,553	58,443	135,988,365
" " " " 1873.....	3,971	56,265,129	45,164,954	58,508	143,486,675
" " " " 1874.....	4,118	54,377,853	47,753,133	55,915	127,098,858
" " " " 1875.....	4,469	63,149,085	52,151,680	60,999	144,207,371
" " " " 1876.....	4,693	64,429,740	53,326,440	62,218	146,431,354
" " " " 1877.....	5,003	61,883,787	51,550,933	60,723	140,583,960
" " " " 1878.....	5,183	57,868,592	47,464,792	64,709	135,123,768
" " " " 1879.....	5,272	57,509,215	45,245,687	67,145	158,736,165
" " " " 1880.....	5,493	60,523,350	48,111,870	74,798	148,957,280
" " " " 1881.....	5,450	67,651,552	40,096,458	80,839	163,351,497
" " " " 1882.....	5,335	72,916,171	41,283,135	86,293	186,329,687
" " " " 1883.....	5,518	77,624,359	43,767,681	90,523	194,572,586
" " " " 1884.....	5,492	78,209,414	44,779,109	91,761	200,857,439
" " " " 1885.....	5,738	75,046,064	44,155,240	88,488	184,465,410
" " " " 1886.....	5,946	76,248,200	45,520,500	93,103	190,722,153
" " " " 1887.....	6,566	77,918,870	46,418,885	98,600	198,257,029
" " " " 1888.....	6,774	78,468,800	46,770,519	103,325	203,469,396
Total for year ending July 1, 1890.....	†8,667	†106,599,037	†65,982,264	†115,944	†236,162,060

* Not reported. † Comprising also Covington, Newport and industries in Hamilton County legitimately belonging to Cincinnati.

IMPORTS INTO CINCINNATI.

For six years, commencing September 1 and ending August 31 of each year, as indicated:

ARTICLES.	1890-91	1889-90	1888-89	1887-88	1886-87	1885-86
Ale, Beer and Porter, bbls.....	69,500	82,469	51,857	36,573	25,200	24,682
Apples, Green, bbls.....	152,311	210,659	275,157	362,847	242,058	281,141
Bacon (see Hog Product).....	4,910	3,804	14,707	12,151	31,163	16,360
Bagging, pieces.....	220,000	225,000	223,000	225,000	225,000	222,000
Bark, Tanners', cords.....	11,740,984	12,190,646	11,877,664	11,851,860	12,054,388	1,547,488
Barley, bush.....	86,876	100,125	96,464	118,936	74,423	77,153
Beans, bush.....	384,030	349,680	206,515	279,235	262,510	160,960
Beef, in barrels, lbs.....	5,940	30,280	174,030	245,820	27,490	2,970
Boots and Shoes, cases.....	261,778	303,701	250,744	209,940	252,543	249,741
Bran, Middlings, etc., tons.....	31,745	25,802	26,288	15,483	19,445	18,063
Broom Corn, lbs.....	2,207,625	1,751,088	1,979,339	2,185,268	3,617,944	1,006,571
Butter, bbls.....	72,847	80,361	73,976	73,281	80,693	98,071
Butter, tubs, firkins, etc.....	2,224,204	1,677,842	1,586,056	1,616,443	1,616,443	1,616,443
Butterine, lbs.....	5,855	6,301	5,217	4,055	4,477	6,574
Candles, boxes.....	119,111	124,976	99,054	82,510	68,883	57,522
Castings, tons.....	245,727	222,345	196,558	206,573	186,110	199,344
Cattle, head.....	349,863	336,163	209,481	243,829	211,980	190,317
Cement and Plaster, bbls.....	120,474	125,923	95,324	104,950	91,197	82,752
Cheese, boxes.....	5,500	6,273	5,651	5,463	3,907	4,684
Cider, bbls.....	72,345,782	67,988,146	65,092,421	70,705,639	63,345,532	57,416,529
Coal, bush.....	229,441	271,817	251,132	243,642	274,747	247,738
Coffee, bags.....	5,921,144	4,553,417	4,311,350	5,719,250	5,638,205	5,588,440
Coke, bush.....	498,819	414,051	361,732	257,984	294,415	227,748
Cooperage, pieces.....	16,126,482	16,835,161	16,661,396	15,878,935	16,731,719	16,386,644
Corn, bush.....	36,193	27,983	36,926	57,498	117,592	66,817
Corn Meal, bbls.....	349,839	316,674	365,896	362,524	341,100	387,175
Cotton, bales.....	80,897	118,147	121,943	175,219	115,031	91,613
Crockery, pkgs.....	262,212	280,396	258,573	179,437	245,235	213,619
Eggs, cases, etc.....	13,818	12,185	12,360	8,850	8,425	9,248
Feathers, sacks.....	58,087	60,241	48,395	47,658	38,653	40,982
Fish, bbls.....	57,880	72,460	40,980	37,649	31,965	31,187
Fish, kegs and kits.....	1,712,475	1,587,768	1,055,122	1,026,619	1,043,057	832,686
Flour, bbls.....	2,437,197	4,298,630	3,828,111	4,791,080	2,764,139	5,868,044
Fruit, Dried, lbs.....	21,261	14,628	12,936	14,629	10,332	7,987
Fruit, Green, tons.....	133,215	135,113	150,323	144,668	155,467	187,202
Glass, Window, etc., boxes.....	465,555	464,166	440,448	337,372	357,564	403,984
Glassware, pkgs.....	15,944	12,726	11,935	16,369	21,382	40,669
Grease, tierces.....	254,418	281,914	242,920	189,246	256,653	279,894
Hardware, pkgs.....	1110,979	197,089	1111,686	166,887	165,266	164,910
Hay, tons.....	18,011	33,642	24,139	12,977	11,519	8,685
Hemp, bales, etc.....	15,648	21,144	13,568	4,731	14,098	7,362
Herring, boxes.....	498,560	425,019	372,091	344,412	370,465	1271,227
Hides, number.....	5,841,070	5,034,610	1,946,331	784,950	553,330	712,814
Hog Product—Bacon, lbs.....	71,157,590	51,645,183	56,817,656	52,132,914	67,764,992	82,137,199
D. S. Meats, loose, lbs.....	11,042,000	9,717,500	5,972,630	5,139,850	4,849,500	3,730,110
D. S. Meats, in boxes, lbs.....	8,661,310	8,936,027	7,276,160	6,438,392	7,170,410	8,987,034
Hams, lbs.....	21,288,600	14,599,057	14,471,656	15,051,265	22,153,219	13,832,307
Lard, lbs.....	5,438	7,278	10,824	6,999	10,973	13,405
Pork, bbls.....	945,633	1,048,189	935,859	792,954	835,247	779,956
Hogs, head.....	114,027	116,097	113,489	117,159	112,186	14,804
Hops, bales.....	126,638	125,337	122,855	124,225	123,679	122,550
Horses, head.....	100,000	125,000	125,000	200,000	200,000	186,000
Ice, tons.....	174,512	192,971	147,964	150,747	155,845	137,203
Iron and Steel, tons.....	57,045	62,249	54,129	52,434	68,196	48,366
Iron and Steel, Scrap, tons.....	1948,428	1820,080	1740,683	1672,758	1667,773	1511,426
Iron, Pig, tons.....	28,714,016	38,322,111	41,163,523	38,420,030	29,846,625	28,657,495
Lard (see Hog Product).....	61,041	51,544	39,542	36,253	37,513	35,610
Lead, Pig, lbs.....	52,562	71,074	54,549	53,003	61,197	35,148
Leather, bundles.....	199,225	183,222	143,834	130,734	155,935	144,616
Lemons, boxes.....	1,043	1,357	322	320	313	304
Lime, bbls.....	32,400	31,458	29,028	28,315	26,854	23,011
Liquors, hhds and pipes.....	762,939	946,175	720,090	671,153	744,940	792,316
Lumber, cars.....	3,726	2,107	2,106	1,100	1,100	1,100
Malt, bush.....						
Melons, Water, cars.....						

IMPORTS INTO CINCINNATI—Continued.

ARTICLES.	1890-91	1889-90	1888-89	1887-88	1886-87	1885-86
Merchandise, sundry, tons.....	995,900	1,020,960	839,006	969,538	850,253	767,122
Molasses, bbls.....	68,774	51,825	48,038	57,103	32,568	50,131
Nails, kegs.....	772,399	838,465	693,656	550,121	615,867	529,511
Oakum, bales.....	2,752	2,500	1,979	3,070	3,067	3,341
Oats, bush.....	14,092,734	15,085,746	15,642,093	16,354,100	15,280,071	13,908,953
Oil, bbls.....	141,025	83,653	90,954	81,579	107,783	124,458
Oil Cake, tons.....	1,193	1,796	1,224	780	3,066	1,267
Onions, bbls. and sacks.....	58,742	39,178	77,355	42,046	57,472	38,572
Oranges, boxes.....	315,033	244,770	241,697	131,216	198,318	119,081
Peanuts, bush.....	690,965	259,205	281,900	397,960	407,235	600,350
Petroleum, bbls.....	†1,392,999	†1,286,883	†1,223,837	†1,233,026	†1,045,102	†923,535
Pitch, bbls.....	2,431	1,676	1,767	4,675	2,759	984
Pork (see Hog Product).....	.....	.....	.....	.....	.....	.....
Potatoes, bags and bbls.....	605,017	359,554	621,821	614,179	301,913	404,909
Raisins, Figs, etc., boxes.....	96,323	63,009	55,370	68,896	49,719	36,824
Rice, bbls.....	47,777	45,496	34,831	37,775	51,773	39,941
Rope, Twine, etc., pkgs.....	190,581	160,914	77,688	60,129	63,687	57,434
Rosin, bbls.....	70,873	175,331	140,361	55,370	159,364	61,754
Rye, bush.....	509,649	556,977	599,534	397,594	1470,334	608,026
Salt, bbls.....	†415,556	†344,145	†349,098	†429,606	†411,435	†406,012
Salt, sacks.....	12,245	14,220	13,362	31,962	32,510	12,551
Seed—Flax, bush.....	1,487	32,380	25,538	2,966	134,425	147,095
Clover, Timothy, etc., bags.....	77,401	118,617	100,043	95,066	116,172	86,242
Sheep, head.....	†37,950	529,016	564,898	608,976	566,921	565,262
Shot, lbs.....	325,900	247,000	178,600	41,900	273,600	341,400
Soap, boxes.....	170,340	140,575	102,751	101,532	91,613	115,646
Sorghum, bbls.....	4,375	4,593	.....	.....	.....	.....
Spices, pkgs.....	6,886	10,221	6,808	6,827	6,659	4,644
Starch, boxes.....	173,761	230,869	221,500	209,436	231,549	208,055
Stearine, tierces.....	7,082	4,612	2,456	6,224	3,969	2,914
Sugar, hnds.....	2,015	1,457	2,360	4,925	1,490	3,110
Sugar, bbls.....	351,050	304,309	225,016	248,545	212,910	236,671
Tallow, tierces.....	175,277	134,919	139,617	134,175	144,548	40,277
Tar, bbls.....	1,372	3,275	3,863	5,655	3,485	4,574
Tea, pkgs.....	16,439	25,497	23,183	21,897	24,964	20,873
Tobacco, Leaf, hnds.....	124,760	114,331	98,567	75,217	106,260	108,341
Tobacco, Leaf, cases and bales.....	25,571	27,007	21,177	20,232	26,559	22,336
Tobacco, Manufactured, pkgs.....	381,287	518,136	531,840	486,321	357,312	253,536
Turpentine, bbls.....	24,621	28,051	22,804	21,703	19,600	16,743
Vegetables, Green, tons.....	15,910	9,677	14,317	39,879	28,742	24,977
Wheat, bush.....	†2,139,748	†1,257,093	†1,383,599	†1,954,494	†2,426,301	3,375,472
Whisky, bbls.....	292,009	245,541	268,528	227,135	187,265	201,332
Wines and Liquors, bbls.....	20,614	20,963	15,589	13,894	14,801	15,861
Wines and Liquors, boxes and baskets.....	67,949	61,232	41,739	38,334	44,087	40,264
Wood, cords.....	26,000	26,000	26,000	26,000	26,000	26,000
Wool, bales.....	39,087	42,026	31,560	16,611	26,212	32,357
Yarns, Warps, etc., Cotton, pkgs.....	29,448	32,540	30,307	22,725	25,270	24,058

† Embracing also sales made where the article was shipped directly from the place of manufacture or storage, without stopping at Cincinnati.

‡ Supplemental reports embraced.

§ Estimated.

∞ Estimated. Embracing all ice sold for the Cincinnati market.

¶ Not reported.

EXPORTS FROM CINCINNATI.

For six years, commencing September 1 and ending August 31 of each year, as indicated :

ARTICLES.	1890-91	1889-90	1888-89	1887-88	1886-87	1885-86
Alcohol, bbls.....	5,081	19,007	112,590	15,253	16,909	16,599
Ale, Beer and Porter, bbls.....	613,159	571,804	390,328	433,027	418,056	354,368
Apples, Green, bbls.....	92,897	190,775	213,170	198,438	120,262	152,414
Bacon (see Hog Product).....	.....	.....	.....	.....	.....	.....
Bagging, pieces.....	6,127	4,582	17,351	11,707	30,700	11,626
Barley, bush.....	97,617	177,268	175,312	93,511	1152,148	205,370
Beans, bush.....	76,403	68,453	48,143	55,318	36,029	33,359
Beef, in barrels, lbs.....	1,219,704	1,686,230	1,253,094	1,560,220	2,052,350	2,166,276
Beef, in tierces, lbs.....	1,243,490	1,360,520	941,282	970,883	1,103,989	959,927
Boots and Shoes, cases.....	243,764	247,282	154,602	132,961	171,054	191,959
Bran, Middlings, etc., tons.....	26,962	20,915	21,258	12,707	17,400	13,371
Brooms, dozens.....	355,000	355,000	350,000	350,000	363,000	360,000
Broom Corn, lbs.....	1,218,465	1,190,272	1,149,668	1,227,246	1,921,815	660,778
Butter, bbls.....	.....	144	729	270	156	247
Butter, tubs, firkins, etc.....	17,333	8,789	8,693	8,829	6,623	20,884
Butterline, lbs.....	206,832	21,671	26,152	34,622	.....	.....
Candles, boxes.....	150,815	171,159	119,568	115,889	1162,473	166,621
Castings, tons.....	210,632	165,225	109,037	102,944	71,057	58,900
Cattle, head.....	113,627	93,804	68,885	70,530	60,611	71,606
Cement and Plaster, bbls.....	148,538	112,667	56,407	51,877	58,253	59,855
Cheese, boxes.....	64,255	60,696	45,609	40,948	40,090	38,872
Cider, bbls.....	5,608	4,781	4,323	3,455	2,903	3,825
Coal, bush.....	113,814,020	114,289,089	111,149,725	119,216,450	112,191,300	111,267,450
Coffee, bags.....	156,194	171,463	145,128	165,466	189,219	178,016
Coke, bush.....	13,422,000	1,558,400	1,196,000	2,454,200	3,616,200	2,482,200
Cooperage, pieces.....	462,596	448,859	350,000	339,071	250,317	140,668
Corn, bush.....	2,210,577	2,716,545	3,143,854	2,391,596	2,975,090	2,795,237
Corn Meal, bbls.....	79,007	52,886	32,154	41,676	54,548	26,251
Cotton, bales.....	337,198	307,443	351,272	353,968	332,142	381,016
Crockery, pkgs.....	105,309	121,806	96,429	90,981	85,330	79,696
Eggs, cases, etc.....	157,626	159,876	131,793	53,064	99,323	69,899
Feathers, sacks.....	14,093	11,781	10,348	10,247	10,825	8,615
Fish, bbls.....	20,281	17,149	12,613	13,004	11,705	18,721
Fish, kegs and kits.....	83,717	73,386	25,275	31,030	25,801	36,924
Flour, bbls.....	11,430,847	11,221,588	1708,500	1758,253	1807,110	568,989
Fruit, Dried, lbs.....	1,832,312	4,040,774	2,059,135	3,372,407	3,828,625	3,366,944
Fruit, Green, tons.....	7,398	4,864	4,221	.....	.....	.....
Furniture, pkgs.....	252,694	259,044	191,474	168,140	183,981	126,825
Glass, Window, etc., boxes.....	97,955	88,011	83,355	70,434	103,126	123,281
Glassware, pkgs.....	314,507	312,123	261,392	198,104	235,621	296,381
Grease, tierces.....	14,459	13,223	12,177	15,133	14,767	20,376
Hardware, pkgs.....	235,809	235,361	201,524	164,524	214,695	267,355
Hay, tons.....	55,323	43,883	56,023	24,938	21,229	22,248
Hemp, bales, etc.....	10,163	20,416	16,328	8,176	5,630	3,887
Hides, number.....	305,349	284,706	178,095	192,274	200,087	1155,923
Hog Product—Bacon, lbs.....	18,577,439	18,451,619	15,057,055	12,751,470	14,964,148	17,804,775
D. S. Meats, loose, lbs.....	75,999,592	54,522,322	64,875,376	57,032,097	71,194,065	95,275,105
D. S. Meats, in boxes, lbs.....	12,903,500	12,623,300	8,781,030	6,728,250	8,709,750	7,027,115
Hams, lbs.....	17,219,945	17,272,486	15,192,010	12,285,099	15,251,802	16,719,140
Lard, lbs.....	35,995,984	32,944,779	30,767,221	27,334,132	37,856,260	34,291,035
Pork, bbls.....	7,343	9,868	14,101	10,157	21,400	19,813
Hogs, head.....	371,823	481,801	372,744	261,030	279,400	215,025
Hops, bales.....	19,329	17,070	16,875	16,550	15,678	6,280
Horses, head.....	120,253	114,283	113,103	112,732	114,851	113,301
Iron and Steel, tons.....	161,262	161,915	123,681	121,736	139,393	104,311
Iron and Steel, Scrap, tons.....	34,051	36,352	29,185	25,078	39,312	27,436
Iron, Pig, tons.....	1819,937	1719,462	1618,716	1593,306	1604,954	1461,379
Lard (see Hog Product).....	.....	.....	.....	.....	.....	.....
Lead, Pig, lbs.....	11,062,338	17,456,538	17,276,251	9,360,010	9,035,500	10,943,410
Lead, White, lbs.....	14,538,683	14,012,733	12,061,327	12,507,850	13,375,812	9,379,388
Leather, bundles.....	79,162	70,363	56,905	49,881	50,606	47,638
Lemons, boxes.....	23,612	25,596	19,591	13,946	18,993	10,373
Lime, bbls.....	85,438	60,773	42,315	41,770	38,900	31,664
Lumber, cars.....	20,381	20,491	17,670	16,126	.....	.....
Malt, bush.....	669,909	613,205	556,925	340,474	381,210	489,003
Manufactures, sundry, pieces.....	165,141	129,217	114,852	96,306	92,844	66,277
Melons, Water, cars.....	2,952	1,410	1,638	.....	.....	.....

EXPORTS FROM CINCINNATI—Continued.

ARTICLES.	1890-91	1889-90	1888-89	1887-88	1886-87	1885-86
Merchandise, sundry, tons.....	671,576	622,815	538,914	632,704	817,404	708,636
Molasses, bbls.....	56,077	47,536	45,865	48,509	27,542	37,086
Nails, kegs.....	876,018	989,514	671,879	495,123	523,206	455,952
Oats, bush.....	1,918,730	2,765,143	3,292,897	4,186,908	3,459,756	2,120,282
Oil, bbls.....	106,684	77,746	60,117	81,692	79,414	84,675
Oil Cake, tons.....	1,073	1,902	1,247	838	3,064	1,384
Onions, bbls. and sacks.....	36,028	24,945	33,825	18,576	37,882	30,871
Oranges, boxes.....	212,235	151,779	153,192	67,761	127,415	62,214
Peanuts, bush.....	366,491	315,920	319,275	354,275	441,985	390,440
Petroleum, bbls.....	†1,205,191	1,043,783	1,026,307	1,064,019	934,214	850,870
Pork (see Hog Product).....						
Potatoes, bags and bbls.....	225,842	213,249	323,517	287,729	178,967	221,611
Rice; bbls.....	29,692	32,454	23,700	30,329	37,062	23,120
Rope, Twine, etc., pkgs.....	272,582	223,407	148,795	97,551	114,594	148,676
Rosin, bbls.....	45,775	45,008	19,067	22,331	24,669	†
Rye, bush.....	251,356	327,910	305,065	126,669	†172,436	247,912
Salt, bbls.....	†327,669	†249,278	†229,307	†313,125	†329,276	†310,996
Salt, sacks.....	2,648	2,703	3,840	8,292	25,050	1,231
Seed—Flax, bush.....	237	23,528	18,216	1,382	31,567	510
Clover, Timothy, etc., bags.....	78,874	92,872	82,279	91,026	104,582	82,934
Sheep, head.....	519,934	412,036	409,081	412,095	426,052	382,983
Shot, lbs.....	3,088,900	3,031,000	2,937,500	2,787,300	†	†
Soap, boxes.....	†1,011,831	†927,603	†863,694	†858,515	†893,570	†790,582
Sorghum, bbls.....	2,684	2,249	†	†	†	†
Spices, pkgs.....	6,890	3,773	2,784	2,165	2,592	3,085
Starch, boxes.....	†704,903	†734,267	†630,956	†529,080	†574,253	504,034
Stearine, tierces.....	6,995	3,657	1,409	2,774	2,528	4,298
Sugar, hhds.....	1,294	526	1,452	3,301	689	1,194
Sugar, bbls.....	210,626	167,901	108,036	121,101	107,660	135,274
Tallow, tierces.....	5,670	3,441	3,699	10,452	13,912	9,963
Tobacco, Leaf, hhds.....	126,458	109,048	92,806	77,896	96,595	101,447
Tobacco, Leaf, cases and bales.....	12,803	13,078	11,760	9,128	14,179	10,622
Tobacco, Manufactured, pkgs.....	363,442	369,338	350,610	348,353	392,603	313,614
Turpentine, bbls.....	21,744	20,507	19,082	15,664	14,918	†
Vegetables, Green, tons.....	5,751	2,912	5,057	†	†	†
Vinegar, bbls.....	24,759	21,439	23,073	23,973	32,134	43,203
Wheat, bush.....	1,705,901	908,512	965,262	1,052,687	1,616,646	2,562,261
Whisky, bbls.....	†524,126	†486,258	†476,469	†447,162	†434,960	†446,864
Wines and Liquors, bbls.....	14,489	14,336	10,368	8,906	9,497	11,288
Wines and Liquors, boxes and baskets, /.	163,409	122,848	79,171	64,225	64,669	56,640
Wool, bales.....	37,973	37,047	30,666	17,664	24,404	32,075

† Embracing also sales made in Cincinnati, where goods were shipped directly from the place of manufacture or storage, without stopping at this city.

‡ Supplemental reports embraced.

§ Estimated.

¶ Not reported.

VALUE OF PRINCIPAL IMPORTS.

Value of the Principal Commodities received at Cincinnati, for five years, each year ending August 31:

ARTICLES.	Total Quantity. 1890-91	Total Value. 1890-91	Total Value. 1889-90	Total Value. 1888-89	Total Value. 1887-88	Total Value. 1886-87
Ale, Beer and Porter, bbls.....	69,500	\$458,700	\$544,295	\$342,256	\$241,381	\$170,100
Apples, Green, bbls.....	152,311	533,088	596,165	423,741	798,263	628,140
Bacon (see Hog Product).....						
Bagging, pieces.....	4,910	23,322	18,069	69,858	57,717	148,024
Bark, Tanners', cords.....	220,000	\$237,600	\$241,000	\$250,930	\$305,500	\$310,750
Barley, bush.....	11,740,984	11,270,918	11,204,855	11,098,433	11,416,672	11,150,457
Beans, bush.....	88,376	198,846	193,241	167,740	292,582	120,565
Beef, in barrels, lbs.....	384,030	21,962	22,729	13,423	15,357	13,781
Beef, in tierces, lbs.....	5,910	609	3,028	17,403	26,425	2,886
Boots and Shoes, cases.....	261,778	6,544,450	6,395,784	6,091,223	5,801,165	6,106,489
Bran, Middlings, etc., tons.....	31,745	555,537	290,336	319,721	245,721	253,128
Broom Corn, lbs.....	2,207,625	110,381	87,554	94,018	103,800	189,942
Butter, tubs, firkins, etc.....	72,847	823,171	843,608	844,101	906,479	1,033,135
Butterine, lbs.....	2,224,204	360,321	260,065	257,734	245,537	1,033,135
Candles, boxes.....	5,855	19,907	21,549	19,250	17,842	14,639
Castings, tons.....	119,111	6,908,438	7,247,358	5,661,928	4,933,272	4,267,301
Cattle, head.....	245,727	9,091,899	8,578,718	7,027,527	6,986,633	6,798,992
Cement and Plaster, bbls.....	349,863	349,863	361,375	225,192	275,526	239,537
Cheese, boxes.....	120,474	505,991	493,618	398,211	164,928	374,819
Cider, bbls.....	5,500	27,500	31,345	28,255	45,069	31,256
Coal, bush.....	172,345,782	15,208,896	14,683,508	14,424,804	16,371,277	14,942,889
Coffee, bags.....	220,441	6,791,453	8,002,292	6,225,562	6,573,461	5,854,858
Coke, bush.....	15,921,144	1651,326	1500,875	1444,089	1571,925	1509,238
Cooperage, pieces.....	498,819	349,173	362,645	325,538	250,244	297,359
Coopers' Stuff.....		\$700,000	\$700,000	\$675,000	\$725,000	\$667,400
Corn, bush.....	16,126,482	13,614,624	12,511,921	12,531,330	13,057,046	12,726,346
Corn Meal, bbls.....	36,193	94,102	58,764	75,698	139,720	223,424
Cotton, bales.....	349,830	16,162,562	17,480,410	19,666,910	18,398,093	17,225,550
Crockery, pkgs.....	80,897	1,253,903	1,835,111	1,781,662	1,696,821	1,542,565
Eggs, cases, etc.....	262,212	1,284,839	1,179,588	1,047,219	1,039,061	1,288,955
Feathers, sacks.....	13,818	281,887	286,225	306,775	199,213	187,203
Fish, bbls.....	58,087	813,218	831,517	665,407	880,397	538,147
Fish, kegs and kits.....	57,880	37,622	47,099	28,686	26,354	18,539
Flour, bbls.....	1,712,475	7,278,019	5,564,329	4,449,976	3,588,633	3,606,598
Fruit, Dried, lbs.....	2,437,197	212,036	154,320	113,694	297,461	121,424
Fruit, Green, tons.....	21,261	1,063,050	1,333,832	1,310,816	1,261,504	1,181,196
Glass, Window, etc., boxes.....	133,215	1,465,365	1,333,832	1,310,816	1,261,504	1,181,196
Glassware, pkgs.....	465,555	983,325	690,191	670,089	638,180	657,917
Grease, tierces.....	15,944	143,496	129,805	131,881	194,791	218,086
Hardware, pkgs.....	254,418	5,597,196	6,486,923	6,178,022	5,998,080	6,313,663
Hay, tons.....	1110,979	11,176,377	11,025,259	11,422,879	1087,264	1724,466
Hemp, bales, etc.....	18,011	486,297	1,006,568	553,990	681,292	514,553
Herring, boxes.....	15,648	2,503	3,594	2,306	804	2,396
Hides, number.....	498,560	1,844,672	1,795,577	1,637,142	1,799,870	12,170,286
Hog Product—Bacon, lbs.....	5,841,070	362,146	289,490	136,243	60,833	40,116
D. S. Meats, loose, lbs.....	71,157,590	3,913,667	2,453,146	3,551,103	3,649,303	4,404,724
D. S. Meats, in boxes, lbs.....	11,042,000	634,915	485,875	398,221	372,639	327,341
Hams, lbs.....	8,661,310	831,485	915,942	818,568	708,223	788,745
Lard, lbs.....	21,288,600	1,319,893	867,184	1,049,195	1,153,931	1,439,987
Pork, bbls.....	5,438	58,349	82,241	138,547	101,835	150,878
Hogs, head.....	945,633	7,365,064	9,637,074	11,449,567	9,812,811	9,243,046
Hops, bales.....	114,027	1882,298	1504,158	1578,273	1489,717	1556,047
Horses, head.....	126,638	11,864,660	12,001,623	11,850,340	12,118,528	12,167,338
Ice, tons.....	100,000	450,000	625,000	500,000	400,000	330,000
Iron and Steel, tons.....	174,512	7,504,016	8,466,871	6,405,330	6,284,850	6,796,250
Iron and Steel, Scrap, tons.....	57,045	912,720	1,097,225	931,277	966,897	1,159,332
Iron, Pig, tons.....	1948,428	117,783,025	115,376,500	113,465,616	113,562,801	114,514,046
Lard (see Hog Product).....						
Lead, Pig, lbs.....	28,714,016	1,263,416	1,509,891	1,572,446	1,478,836	1,263,624
Leather, bbls.....	61,041	2,319,558	1,987,021	1,363,085	1,418,942	1,545,535
Lemons, boxes.....	52,562	231,272	329,783	205,104	204,591	279,058
Lime, bbls.....	199,225	129,496	119,094	107,875	74,518	85,764
Liquors, hhds. and pipes.....	1,043	104,300	135,700	53,130	54,285	51,645
Lumber, cars.....	32,400	12,960,000	12,580,000	11,610,000	9,910,000	10,740,000
Malt, bush.....	762,939	610,351	615,013	576,072	597,326	525,182

VALUE OF PRINCIPAL IMPORTS—Continued.

ARTICLES.	Total Quantity. 1890-91	Total Value. 1890-91	Total Value. 1889-90	Total Value. 1888-89	Total Value. 1887-88	Total Value. 1886-87
Melons, Water, cars.	3,726	\$521,640	\$294,980	\$250,614	†\$.....	†\$.....
Merchandise, sundry, tons.	985,900	99,590,000	95,068,809	91,536,374	89,913,288	89,467,672
Molasses, bbls.	68,774	1,052,242	912,120	795,028	1,091,809	612,929
Nails, kegs.	772,399	1,390,318	2,196,641	1,554,139	1,484,175	1,688,756
Oakum, bales.	2,752	11,008	8,750	6,926	10,745	10,118
Oats, bush.	†4,092,734	†1,964,512	†1,398,580	†1,565,680	†2,160,394	†1,689,622
Oil, bbls.	141,025	2,397,425	1,532,005	1,628,790	1,670,343	1,759,586
Oil Cake, tons.	1,193	35,790	58,280	36,805	21,450	72,051
Onions, bbls. and sacks.	53,742	201,219	110,090	105,202	128,240	143,640
Oranges, boxes.	315,633	1,102,615	981,527	920,865	560,292	854,750
Oysters. ....	.....	‡490,000	‡475,000	‡450,000	‡425,000	‡400,000
Peanuts, bush.	690,965	532,772	313,638	276,262	211,714	285,064
Petroleum, bbls.	†1,392,999	†6,964,995	†6,662,591	†6,204,138	†6,102,580	†5,213,274
Pitch, bbls.	2,431	5,318	3,352	3,534	9,350	5,518
Pork (see Hog Product) .....	.....	.....	.....	.....	.....	.....
Potatoes, bags and bbls.	605,017	1,815,051	600,455	802,149	1,682,850	510,232
Raisins, Figs, etc., boxes.	96,323	173,381	124,127	109,038	123,323	88,997
Rice, bbls.	47,777	644,989	573,249	438,870	521,295	590,212
Rope, Twine, etc., pkgs.	190,581	952,905	700,000	655,000	660,000	650,000
Rosin, bbls.	70,873	128,202	136,349	162,155	166,110	178,092
Rye, bush.	509,649	407,719	281,273	310,258	248,496	‡272,793
Salt, sacks.	†415,556	†387,470	†315,986	†330,690	†420,505	†375,400
Seed—Flax, bush.	12,245	1,487	40,906	31,922	3,381	152,928
Clover, Timothy, etc., bags.	77,401	464,406	672,611	707,480	745,224	835,586
Sheep, head.	637,950	3,381,135	2,807,256	2,532,711	2,494,290	2,190,722
Shot, lbs.	325,900	17,924	11,090	7,983	2,061	44,897
Soap, boxes.	170,340	766,530	632,587	419,224	355,362	297,742
Sorghum, bbls.	4,375	78,750	73,488	.....	.....	.....
Spices, pkgs.	6,886	309,870	488,010	464,772	407,776	397,742
Starch, boxes.	173,761	312,769	271,271	241,435	255,511	260,492
Stearine, tierces.	7,082	148,722	77,435	53,516	140,475	75,014
Stone. ....	.....	‡605,000	†‡550,000	†‡530,000	†‡527,300	†‡601,000
Sugar, hhds.	2,015	114,855	98,434	184,080	317,761	93,393
Sugar, bbls.	351,050	5,616,800	5,821,431	4,921,099	4,615,480	3,659,922
Tallow, tierces.	†75,277	†1,354,986	†984,148	†626,741	545,433	657,973
Tar, bbls.	1,372	4,116	9,006	10,624	15,551	9,584
Tea, pkgs.	16,439	410,975	685,614	623,490	416,043	426,884
Tobacco, Leaf, hhds.	124,760	12,476,000	11,433,100	13,306,275	13,539,060	9,563,400
Tobacco, Leaf, cases and bales.	25,571	1,534,260	2,068,414	1,831,330	1,395,927	1,650,140
Tobacco, Manufactured, pkgs.	381,287	5,719,305	3,470,000	3,160,000	2,860,000	2,590,000
Turpentine, bbls.	24,621	492,420	592,437	487,093	400,854	352,836
Vegetables, Green, tons.	15,910	636,400	‡750,000	‡900,000	‡1,350,000	‡1,000,000
Wheat, bush.	†2,133,748	†2,123,079	†1,049,672	†1,290,206	†1,654,804	†1,932,953
Whisky, bbls.	292,009	17,520,540	13,476,739	14,707,281	12,524,563	10,286,496
Wines and Liquors, bbls.	20,614	927,630	905,601	685,916	625,230	655,388
Wines and Liquors, boxes and baskets.	67,949	815,388	551,088	438,259	428,274	484,957
Wood, cords.	‡6,000	‡30,000	‡27,000	‡27,000	‡22,500	‡25,500
Wool, bales.	39,087	1,602,567	1,729,790	1,289,226	628,394	1,126,591
Yarn, Warps, etc., Cotton, pkgs.	29,448	736,200	1,250,000	1,200,000	1,121,478	1,247,074
Totals. ....	.....	\$126,247,087	\$300,711,893	\$287,504,235	\$281,995,617	\$269,964,877

† Comprising also sales made at Cincinnati, where goods were shipped directly from the place of manufacture or storage, without the same stopping at this city.

‡ Supplemental reports embraced.

§ Estimated.

¶ Not reported.

** Estimated. Embracing all ice sold for the Cincinnati market.

†† Not including granite used in reconstructing the streets.

VALUE OF PRINCIPAL EXPORTS.

Value of the Principal Commodities shipped from Cincinnati, for five years, each year ending August 31:

ARTICLES.	Total Quantity. 1890-91	Total Value. 1890-91	Total Value. 1889-90	Total Value. 1888-89	Total Value. 1887-88	Total Value. 1886-87
Alcohol, bbls.....	5,081	\$543,667	\$989,267	\$1,225,014	\$781,847	\$974,238
Ale, Beer and Porter, bbls.....	613,159	3,924,217	3,659,545	2,498,009	2,771,372	2,717,364
Apples, Green, bbls.....	92,897	314,429	358,970	349,508	456,407	312,681
Bacon (see Hog Product).....						
Bagging, pieces.....	6,127	30,635	22,910	86,755	58,585	153,500
Barley, bush.....	97,617	63,451	83,315	102,557	71,535	185,202
Beans, bush.....	76,403	179,547	145,804	103,026	147,145	65,572
Beef, in barrels, lbs.....	1,219,704	73,182	88,527	62,654	85,812	107,748
Beef, in tierces, lbs.....	1,213,490	130,566	139,453	94,128	104,369	115,918
Boots and Shoes, cases.....	243,764	9,750,500	10,234,924	9,655,589	9,195,847	9,515,734
Bran, Middlings, etc., tons.....	26,982	478,375	235,314	258,581	200,965	225,599
Brooms, dozens.....	255,000	288,000	288,000	280,000	280,000	2106,050
Broom Corn, lbs.....	1,218,465	67,015	65,465	60,357	64,430	115,308
Butter, tubs, firkins, etc.....	17,333	225,329	108,012	144,285	135,573	101,803
Butterine, lbs.....	206,832	33,507	3,359	4,249	5,259	
Candles, boxes.....	150,815	512,771	555,363	551,905	580,012	581,286
Castings, tons.....	210,632	12,637,920	10,538,050	6,855,156	6,769,597	4,970,437
Cattle, head.....	113,627	5,681,350	4,901,259	3,482,136	3,345,440	3,151,772
Cement and Plaster, bbls.....	148,538	163,392	134,073	67,124	68,996	77,476
Cheese, boxes.....	64,255	282,722	256,007	197,258	193,684	176,396
Cider, bbls.....	5,608	37,854	32,271	29,180	33,636	27,578
Coal, bush.....	113,814,020	11,436,658	11,464,631	11,114,972	11,013,809	11,194,747
Coffee, bags.....	156,104	4,779,536	5,219,333	3,742,851	4,629,738	4,221,475
Coke, bush.....	13,422,000	3,307,980	4,151,944	1,122,590	1,282,273	361,620
Cooperage, pieces.....	462,306	555,115	1,122,147	875,000	847,677	365,732
Coopers' stuff.....		250,000	250,000	225,000	325,000	340,200
Corn, bush.....	2,210,577	1,326,346	1,018,704	1,226,103	1,255,587	1,219,786
Corn Meal, bbls.....	79,007	217,269	118,993	70,738	105,440	108,084
Cotton, bales.....	337,198	15,578,547	16,970,853	18,880,870	17,961,876	16,773,171
Crockery, pkgs.....	105,309	1,716,336	1,989,140	1,931,204	1,821,891	1,656,265
Eggs, cases, etc.....	157,626	772,367	619,416	533,721	252,160	45,634
Feathers, sacks.....	11,083	295,033	237,329	229,102	197,664	227,325
Fish, bbls.....	20,281	446,182	376,427	226,421	251,031	193,132
Fish, kegs and kits.....	83,717	56,327	49,982	18,450	22,651	14,964
Flour, bbls.....	11,430,847	16,081,099	13,988,486	12,811,684	12,561,531	12,698,992
Fruit, Dried, lbs.....	1,832,312	171,069	165,267	92,043	230,406	190,907
Fruit, Green, tons.....	7,398	406,890				
Furniture, pkgs.....	252,694	553,880	8,600,361	8,053,065	7,818,510	8,043,173
Glass, Window, etc., boxes.....	37,953	1,077,505	903,872	816,045	689,548	673,397
Glassware, pkgs.....	314,507	717,065	636,711	606,392	577,517	607,902
Grease, tierces.....	14,159	137,360	146,775	145,515	193,702	90,817
Hardware, pkgs.....	235,809	4,716,180	4,160,494	3,962,376	4,309,977	4,836,401
Hay, tons.....	55,323	619,617	491,928	750,147	412,978	273,854
Hemp, bales, etc.....	10,163	274,401	610,486	374,727	398,500	281,837
Hides, number.....	305,349	916,017	925,294	673,199	850,812	11,061,941
Hog Product—Bacon, lbs.....	18,577,439	1,170,378	1,107,097	1,091,636	1,020,117	1,122,311
D. S. Meats, loose, lbs.....	75,999,592	4,255,977	2,726,116	4,216,899	4,134,827	4,805,399
D. S. Meats, in boxes, lbs.....	12,903,500	754,854	662,723	592,719	504,618	609,682
Hams, lbs.....	17,219,945	1,773,654	1,899,973	1,785,061	1,412,786	1,753,957
Lard, lbs.....	35,985,984	2,267,716	1,976,686	2,307,541	2,095,667	2,508,059
Pork, bbls.....	7,343	79,384	111,508	183,313	147,781	294,250
Hogs, head.....	371,823	2,751,490	3,971,858	3,652,491	2,675,556	2,724,150
Hops, bales.....	19,329	1615,714	1242,642	1315,356	1206,587	1276,121
Horses, head.....	120,253	11,417,710	11,128,357	11,060,818	11,112,522	11,359,312
Iron and Steel, tons.....	161,262	7,227,528	6,924,254	5,524,495	5,202,400	6,059,650
Iron and Steel, Scrap, tons.....	34,051	612,918	708,286	552,412	509,099	668,304
Iron, Pig, tons.....	1819,937	115,373,819	113,489,912	111,248,256	111,961,048	113,148,675
Lard (see Hog Product).....						
Lead, Pig, lbs.....	11,062,338	486,744	687,787	659,952	436,800	411,115
Lead, White, lbs.....	14,538,683	981,361	980,891	783,986	719,201	852,708
Leather, bundles.....	79,162	3,166,480	2,983,391	2,474,229	2,364,359	2,447,306
Lemons, boxes.....	23,612	103,254	144,361	93,253	67,777	83,507
Lime, bbls.....	85,438	36,350	48,618	38,083	34,251	31,120
Lumber, cars.....	20,331	8,132,400	8,196,000	7,068,000	5,644,000	
Malt, bush.....	669,909	535,927	398,583	445,540	303,021	268,753
Manufactures, sundry, pieces.....	165,141	118,257,050	1,088,344	976,242	825,344	811,456

VALUE OF PRINCIPAL EXPORTS—Continued.

ARTICLES.	Total Quantity. 1890-91	Total Value. 1890-91	Total Value. 1889-90	Total Value. 1888-89	Total Value. 1887-88	Total Value. 1886-87
Melons, Water, cars.....	2,952	\$413,280	\$197,400	\$194,922	\$8,.....	\$8,.....
Merchandise, sundry, tons.....	671.576	100,736,400	112,435,000	107,643,000	105,657,000	103,922,000
Molasses, bbls.....	56,077	970,132	931,705	850,795	918,910	573,424
Nails, kegs.....	876,018	1,752,036	2,813,526	1,694,000	1,406,149	1,433,584
Oats, bush.....	1,918,730	920,990	774,240	938,475	1,423,548	11,107,121
Oil, bbls.....	106,684	1,900,312	1,574,574	1,252,023	1,870,466	1,806,794
Oil Cake, tons.....	1,073	32,190	61,719	37,497	23,883	72,004
Onions, bbls. and sacks.....	36,028	136,906	72,590	49,344	61,300	104,175
Oranges, boxes.....	212,235	764,046	623,811	598,980	296,115	561,900
Peanuts, bush.....	366,491	\$29,842	382,263	312,889	258,620	397,786
Petroleum, bbls.....	11,205,191	\$6,025,955	\$5,406,795	\$5,839,686	\$5,256,253	\$4,652,885
Pork (see Hog Product).....						
Potatoes, bags and bbls.....	225,812	700,110	377,450	449,688	817,150	320,350
Rice, bbls.....	29,692	415,688	428,392	312,840	448,869	426,213
Rope, Twine, etc., pkgs.....	272,582	1,908,074	2,868,300	2,557,800	1,880,000	1,850,000
Rosin, bbls.....	45,775	91,550	87,315	33,538	72,575	80,174
Rye, bush.....	251,356	203,598	170,513	162,447	81,058	103,461
Salt, bbls.....	1327,669					
Salt, sacks.....	2,688	1311,241	1225,756	1295,295	1298,770	1308,801
Seed—Flax, bush.....	237	284	29,890	22,770	1,575	30,698
Clover, Timothy, etc., bags.....	78,874	496,906	555,252	618,580	749,026	809,504
Sheep, head.....	519,934	2,859,637	2,270,314	1,971,770	1,854,427	1,768,115
Shot, lbs.....	3,088,900	169,889	136,091	131,806	137,134	210,154
Soap, boxes.....	11,011,831	15,059,155	14,628,738	13,955,718	13,434,060	13,574,280
Sorghum, bbls.....	2,684	50,996	40,482			
Spices, pkgs.....	6,890	310,050	621,290	593,610	565,343	559,379
Starch, boxes.....	1704,903	11,339,315	1958,218	1776,075	1711,612	1712,073
Stearine, tierces.....	6,995	116,895	73,835	35,492	72,400	59,635
Stone.....		\$250,000	\$236,937	\$225,750	\$215,000	\$190,000
Sugar, hhds.....	1,294	75,052	37,640	60,984	226,184	45,942
Sugar, bbls.....	210,626	3,475,329	3,379,847	2,470,783	2,369,946	1,958,335
Tallow, tierces.....	5,670	102,060	54,918	58,518	186,813	205,480
Tobacco, Leaf, hhds.....	126,458	13,278,080	11,559,088	13,085,046	14,800,240	9,176,525
Tobacco, Leaf, cases and bales.....	12,803	768,180	1,001,774	957,734	629,832	880,941
Tobacco, Manufactured, pkgs.....	363,442	5,451,630	5,615,828	5,386,784	5,371,302	4,909,787
Turpentine, bbls.....	21,744	434,880	443,361	417,182	297,616	273,297
Vegetables, Green, tons.....	5,751	258,785				
Vinegar, bbls.....	24,759	123,795	107,195	115,365	143,838	176,759
Wheat, bush.....	1,705,901	1,705,901	776,777	919,412	912,328	1,320,261
Whisky, bbls.....	1524,126	131,447,560	126,120,726	126,107,719	124,163,305	123,216,870
Wines and Liquors, bbls.....	14,489	652,065	619,313	456,192	400,770	420,242
Wines and Liquors, boxes and baskets.....	163,109	1,960,908	1,474,176	910,466	770,700	776,028
Wool, bales.....	37,973	1,556,893	1,524,854	1,252,706	832,680	1,307,078
Totals.....		\$332,765,977	\$316,419,785	\$295,188,485	\$287,443,410	\$279,260,068

† Embracing also sales made at Cincinnati, where goods were shipped directly from the place of manufacture or storage, without the same stopping at this city.

‡ Supplemental reports embraced.

§ Estimated.

¶ Not reported.

** The decrease largely due to correction of basis of computation.

†† The increase largely due to correction of basis of computation.

DIRECT IMPORTATIONS OF FOREIGN MERCHANDISE.

Foreign Merchandise Imported at Ports of First Arrival, and Transported thence, without Appraisement, to the Port of Cincinnati, during the past two fiscal years, ending June 30:

ARTICLES.	1890-91			1889-90		
	Quantity.	Invoice Value.	Duty.	Quantity.	Invoice Value.	Duty.
FREE OF DUTY.						
Art Goods.....		\$6,957			\$12,413	
Books.....		17,440			7,996	
Chemicals, Drugs, etc.....		671				
Cotton Waste, lbs.....	954,688	10,610		1,020,682	44,017	
Gut Strings.....		12,771			4,075	
Hides.....		5,505				
Horn Strips.....		1,874				
Household and Personal Effects.....		1,548			8,194	
Indigo, lbs.....				32,642	7,869	
Pepper, lbs.....	200,867	19,456		204,509	26,015	
Scientific Apparatus.....		6,019				
Seeds.....		1,363				
Skeletons.....		2,461			1,412	
Whisky, American, returned, galls.....				256,355		*
Miscellaneous.....		20,986			21,321	
Total free of duty.....		\$107,751			\$133,312	
SUBJECT TO DUTY.						
Art Goods.....		\$3,290	\$562 05			
Books, Engravings, etc.....		10,274	2,568 50		\$25,856	\$6,489 00
Brushes.....		1,905	614 50			
Buttons.....		2,224	1,706 80		6,977	1,744 25
China, Earthenware, etc.....		61,624	38,831 80		53,355	29,631 40
Cigars, lbs.....	10,452	43,747	49,612 75	15,575	56,634	53,098 52
Clocks, Watches, etc.....		7,506	1,883 70		5,412	1,426 65
Corsets.....		4,418	1,819 75		3,710	1,298 50
Cotton, Bleached and Colored, yds.....	319,753	40,931	19,685 34	349,501	44,104	19,731 62
Cotton, Manufactures of.....		125,668	68,501 77		215,473	84,394 85
Cutlery.....		3,435	1,477 45		1,151	575 50
Fancy Goods, including Toys.....		39,354	13,752 90		21,125	8,443 75
Fire-arms.....		18,182	5,679 60		41,242	12,900 50
Flax, Manufactures of.....		106,705	44,011 24			
Fruit Juice.....		13,133	3,202 80			
Fur, Manufactures of.....		29,515	7,286 00		65,114	14,999 50
Glass, Common Window, lbs.....				294,170	4,579	7,130 53
Glass, Manufactures of.....		5,529	2,723 00		7,217	3,247 65
Glycerine, lbs.....	225,401	16,813	4,184 25			
Hats.....		5,509	1,691 95			
Hops, lbs.....	398,136	188,728	55,093 12	549,515	156,258	43,961 20
Iron and Steel, in sheets, bars, etc., lbs.....	409,360	36,796	14,191 05	102,696	8,743	2,715 06
Iron and Steel, Other Manufactures of.....						
Other Metals and Compositions.....		39,332	17,085 65		148,849	57,204 49
Jewelry and Precious Stones.....		218,980	23,123 75		134,852	15,436 10
Leather, Manufactures of.....		11,057	5,362 64		13,096	6,355 70
Linens.....					125,208	43,822 80
Malt Liquors, galls.....	2,320	2,400	928 00			
Musical Instruments.....		22,162	5,510 50		42,877	10,594 25
Paints.....		2,047	511 75		1,837	530 51
Paper, Manufactures of.....		8,508	2,302 10		4,390	720 10
Rice, Granulated, lbs.....	901,294	16,159	2,676 06	504,725	8,828	1,765 60
Rubber, Manufactures of.....		1,615	491 70			

DIRECT IMPORTATIONS OF FOREIGN MERCHANDISE—Continued.

ARTICLES.	1890-91			1889-90		
	Quantity.	Invoice Value.	Duty.	Quantity.	Invoice Value.	Duty.
SUBJECT TO DUTY.						
Seeds.....	.....	\$4,720	\$944 00	.....	.....	.....
Silk, Manufactures of.....	.....	75,759	40,552 90	.....	\$86,978	\$43,486 50
Spirits, galls.....	1,333	2,172	3,149 03	.....	4,008	4,422 94
Tin Plate, lbs.....	2,718,693	85,163	27,186 93	†.....	.....	.....
Tobacco, Leaf, lbs.....	16,391	8,518	5,836 45	.....	.....	.....
Wine, in Casks, galls.....	29,224	27,480	14,611 50	29,189	28,544	14,594 75
Wine, in Bottles, doz.....	1,671	10,461	2,671 74	1,700	9,483	2,721 59
Wood, Manufactures of.....	.....	22,271	7,794 85	.....	2,477	866 95
Wool, Manufactures of.....	.....	167,761	135,612 46	.....	280,866	181,561 74
Miscellaneous.....	.....	60,981	29,265 64	.....	173,539	66,321 35
Total direct importation.....	.....	\$1,562,931	\$659,790 97	.....	\$1,785,377	\$732,194 45

* Invoice Value, \$270,117; Internal Revenue Taxes, \$230,719 50.

† See Other Metals and Compositions.

INDIRECT IMPORTATIONS OF FOREIGN MERCHANDISE.

Foreign Merchandise Imported and Appraised at Other Ports, and Transported to the Port of Cincinnati, during the past two years, ending June 30:

ARTICLES.	1890-91			1889-90		
	Quantity.	Invoice Value.	Duty.	Quantity.	Invoice Value.	Duty.
FREE OF DUTY.						
Sugar, refined, lbs.....	7,359,170	\$104,394	.....	.....	.....	.....
Whisky, galls., amount returned.....	3,474	.....	.....	.....	.....	.....
Miscellaneous.....	.....	492	.....	.....	\$522	.....
SUBJECT TO DUTY.						
Alcoholic Compound, galls.....	.....	.....	.....	22.35	77	\$63 95
Bottles, filled.....	.....	.....	.....	336	.....	10 08
Brandy, galls.....	583	\$980	\$1,354 75	1,342.195	2,420	2,684 39
China, Earthenware, etc.....	.....	56	33 60	.....	.....	.....
Fruit Juice.....	.....	524	488 01	.....	77	15 40
Gin, galls.....	1,472.71	577	3,279 92	614.5	236	1,229 00
Hops, lbs.....	39,147	14,401	5,872 05	.....	.....	.....
Meat, Extract of, lbs.....	480	970	168 00	.....	.....	.....
Rum, galls.....	96	323 42	.....	82.22	67	164 44
Sisal Grass.....	.....	4,740	538 31	.....	.....	.....
Tin Plate, lbs.....	214,974	6,896	2,149 74	86,400	2,832	864 00
Tobacco, Leaf, lbs.....	48,081	13,543	18,377 21	4,081	1,403	1,428 35
Whisky, galls.....	279.8	243	699 41	185.14	115	370 28
Wine, in Casks, galls.....	1,947	1,014	973 50	3,737	1,857	1,868 50
Wine, in Bottles, doz.....	.....	.....	.....	28	252	196 00
Wool, Manufactures of, lbs.....	.....	.....	.....	700	289	227 15
Miscellaneous.....	.....	473	185 35	.....	4,665	1,907 70
Totals.....	.....	\$44,513	\$34,443 27	.....	\$14,290	\$11,029 24

* Invoice Value, \$4,950; Internal Revenue Taxes, \$3,126 60.

YEARLY MOVEMENT OF GRAIN.

Receipts and shipments of Wheat, Corn, Oats, Barley and Rye, at Cincinnati, for years indicated, ending August 31:

YEARS.	WHEAT.		CORN.		OATS.		BARLEY.		RYE.	
	Receipts, bush.	Shipm'ts, bush.	Receipts, bush.	Shipm'ts, bush.	Receipts, bush.	Shipm'ts, bush.	Receipts, bush.	Shipm'ts, bush.	Receipts, bush.	Shipm'ts, bush.
1865-66.....	1,545,892	873,775	1,427,766	611,746	1,331,808	187,099	891,833	109,012	406,188	54,381
1866-67.....	1,474,987	972,982	1,820,955	1,099,884	1,246,375	295,820	673,806	65,832	409,171	106,319
1867-68.....	780,933	406,349	1,405,366	557,172	912,013	74,098	602,813	129,278	218,385	73,342
1868-69.....	1,075,348	702,622	1,508,509	188,744	1,125,900	218,300	853,182	67,246	385,672	222,913
1869-70.....	1,195,341	806,775	1,979,645	384,500	1,470,075	188,839	836,331	56,088	237,885	53,751
1870-71.....	866,459	409,893	2,068,900	672,628	1,215,794	244,169	800,988	17,730	289,775	51,026
1871-72.....	762,144	323,405	1,828,866	246,632	1,160,053	230,963	1,177,306	26,984	357,309	110,464
1872-73.....	860,454	412,722	2,259,544	524,183	1,520,979	324,718	1,228,245	37,456	426,660	61,577
1873-74.....	1,221,176	783,990	3,457,164	658,718	1,372,464	216,660	1,084,500	90,688	385,934	117,349
1874-75.....	1,135,388	600,622	3,695,561	595,915	1,323,380	193,242	1,109,693	82,733	336,410	96,245
1875-76.....	1,062,952	558,252	4,115,594	1,028,325	1,441,158	321,755	1,551,944	232,556	500,515	178,408
1876-77.....	1,436,851	961,754	4,559,506	1,317,142	1,096,916	187,286	1,258,163	152,412	427,145	148,263
1877-78.....	3,405,113	2,867,082	4,321,456	1,236,439	1,467,010	146,452	1,597,481	123,617	374,637	125,018
1878-79.....	3,834,722	3,383,387	4,359,540	915,390	1,398,572	305,307	1,180,632	264,648	489,780	153,869
1879-80.....	4,289,555	3,799,166	5,744,246	1,730,282	1,534,401	354,287	1,555,107	159,769	573,925	307,471
1880-81.....	2,908,675	1,873,070	7,737,066	2,806,052	2,248,527	676,675	1,880,467	104,154	789,347	396,969
1881-82.....	4,166,245	3,126,499	8,180,846	3,910,408	2,512,364	914,516	1,746,383	182,137	701,066	321,295
1882-83.....	3,305,214	2,077,743	4,792,473	1,196,730	2,124,957	522,519	2,019,531	65,459	750,401	165,997
1883-84.....	3,107,000	2,342,649	5,519,625	1,783,067	3,063,422	1,296,737	1,527,622	82,697	453,053	109,490
1884-85.....	1,931,582	1,185,105	6,433,623	2,895,493	3,633,812	1,973,831	1,610,784	122,217	537,739	194,250
1885-86.....	3,375,472	2,562,261	6,386,644	2,795,237	3,903,953	2,120,282	1,547,483	205,370	608,026	247,912
1886-87.....	2,426,301	1,616,646	6,731,719	2,975,090	5,290,071	3,459,756	2,054,388	152,148	470,334	172,436
1887-88.....	1,954,494	1,052,687	5,878,935	2,391,596	6,334,100	4,146,908	1,851,840	93,511	397,594	126,669
1888-89.....	1,398,599	965,262	6,661,396	3,143,854	5,642,093	3,292,897	1,877,664	175,312	599,534	305,065
1889-90.....	1,257,093	908,512	6,835,161	2,716,545	5,085,746	2,765,143	2,190,646	177,268	556,977	327,910
1890-91.....	2,133,748	1,705,901	6,126,482	2,210,577	4,092,734	1,918,730	1,740,984	97,617	509,649	251,356

LOCAL AND TOTAL MOVEMENT OF GRAIN.

Movement of Grain, at Cincinnati, representing bushels, showing the local movement and aggregate, including Grain on through bills of lading, for years indicated:

YEARS.	LOCAL MOVEMENT.		INCLUDING GRAIN IN TRANSIT.	
	Receipts.	Shipments.	Receipts.	Shipments.
1877-78.....	11,165,697	4,498,608	15,950,597	9,283,508
1878-79.....	11,263,275	5,022,591	18,151,595	11,910,911
1879-80.....	13,697,234	6,350,975	21,396,846	14,050,587
1880-81.....	15,564,082	5,856,920	20,377,923	10,670,761
1881-82.....	17,346,894	8,354,855	19,152,119	10,160,080
1882-83.....	12,992,576	4,028,448	15,840,051	6,875,923
1883-84.....	13,670,722	5,614,630	18,488,847	10,432,755
1884-85.....	14,147,540	6,370,896	20,081,165	12,304,521
1885-86.....	15,821,578	7,931,062	21,114,228	13,223,712
1886-87.....	16,962,813	8,376,076	22,119,153	13,532,416
1887-88.....	16,436,983	7,851,371	18,563,403	9,977,791
1888-89.....	16,164,286	7,882,390	21,428,866	13,146,570
1889-90.....	15,925,623	6,895,378	22,838,243	13,807,998
1890-91.....	14,603,597	6,184,181	18,444,447	10,026,081

STOCKS OF GRAIN AND FLOUR.

Stocks of Grain in Elevators, representing bushels, at Cincinnati, at the close of each week, in two years:

1890-91	Wheat.	Corn.	Oats.	Rye.	Barley.	1889-90	Wheat.	Corn.	Oats.	Rye.	Barley.
September 5..	8,060	29,381	23,691	1,452	21,768	September 6..	53,205	4,645	15,439	28,689	566
12..	16,336	38,340	16,891	2,034	27,538	13..	58,108	5,277	21,037	28,689	1,210
19..	18,035	38,449	41,909	2,110	31,347	20..	56,213	5,157	19,517	29,689	3,382
26..	21,365	29,795	41,143	1,096	33,885	27..	58,323	2,461	22,245	29,689	4,609
October 3..	20,380	15,437	37,031	2,360	41,432	4..	58,915	2,461	21,167	29,689	7,037
10..	20,983	14,160	29,048	2,355	55,469	11..	58,915	2,461	27,664	30,957	10,930
17..	16,138	10,388	19,311	2,355	83,690	18..	58,323	526	25,846	29,414	11,471
24..	18,078	9,664	18,379	1,091	109,659	25..	58,828	526	26,889	26,970	11,471
31..	14,837	6,989	20,175	620	136,558	November 1	58,828	526	26,889	26,970	11,471
November 7..	14,837	2,008	19,253	1,145	146,645	8..	58,366	526	17,602	18,060	10,042
14..	15,914	567	16,588	1,155	156,405	15..	49,240	.....	15,607	11,276	28,688
21..	15,191	.....	15,150	1,155	157,803	22..	49,240	.....	14,285	12,256	42,326
28..	15,957	.....	16,012	433	148,458	29..	49,771	.....	18,239	11,672	49,654
December 5..	14,636	.....	46,458	433	147,744	December 6..	34,848	.....	13,239	11,672	68,434
12..	12,524	439	45,331	433	148,330	13..	34,138	574	12,260	11,871	82,571
19..	11,524	554	40,621	433	139,992	20..	34,763	1,105	1,276	11,871	90,168
26..	12,524	554	47,062	961	154,680	27..	41,336	5,579	1,276	11,870	95,811
January 2..	11,050	544	86,678	961	176,007	3..	28,303	8,950	2,292	11,064	104,725
9..	10,846	554	93,302	1,420	184,641	10..	32,181	2,281	6,612	7,303	107,449
16..	10,440	.....	76,578	1,696	194,013	17..	30,339	2,249	3,504	7,303	100,798
23..	10,440	1,620	64,394	.....	187,787	24..	30,162	3,963	3,504	7,905	93,876
30..	8,045	1,620	53,170	.....	190,404	31..	32,651	9,657	2,613	8,621	82,187
February 6..	8,045	3,454	56,497	.....	172,295	February 7..	30,973	17,760	3,951	10,771	78,241
13..	7,215	11,039	54,389	.....	146,950	14..	27,043	16,061	4,793	18,044	61,769
20..	5,834	18,727	52,939	.....	120,250	21..	27,087	13,917	11,175	20,890	57,946
27..	6,801	18,580	49,973	.....	115,912	28..	24,877	15,624	8,835	19,009	68,058
March 3..	6,263	5,281	37,669	.....	95,188	March 7..	25,885	13,468	5,390	14,189	72,633
10..	4,628	6,432	47,806	.....	72,182	14..	27,388	18,979	4,328	10,491	92,750
17..	4,587	8,566	35,783	.....	50,561	21..	24,672	17,691	4,328	8,796	92,750
24..	5,180	12,197	20,997	.....	42,010	28..	22,891	16,192	4,328	7,775	90,566
April 3..	5,666	14,624	4,716	.....	37,660	April 4..	22,891	10,064	4,088	6,969	84,660
10..	5,783	10,070	1,881	372	33,094	11..	21,110	6,701	2,193	5,898	66,170
17..	5,183	7,124	4,832	.....	35,046	18..	19,585	513	.....	3,980	47,653
24..	5,183	4,185	11,322	.....	30,691	25..	15,749	.....	1,592	3,980	34,910
May 1..	6,683	4,778	25,695	.....	19,335	May 2..	15,255	6,115	5,063	3,980	21,708
8..	7,805	7,870	28,279	.....	20,885	9..	14,608	6,791	8,249	8,461	22,149
15..	6,683	11,282	25,691	.....	15,908	16..	13,463	1,301	2,103	2,944	20,114
22..	5,347	33,138	28,254	.....	11,285	23..	6,240	799	1,003	2,944	12,356
29..	5,347	32,191	31,884	.....	4,611	30..	7,058	799	2,029	2,944	12,507
June 5..	4,099	33,613	40,370	.....	3,771	June 6..	7,058	5,761	12,741	2,168	8,734
12..	3,349	20,260	42,473	.....	.....	13..	1,325	30,555	10,913	1,888	5,983
19..	948	19,625	38,884	.....	.....	20..	9,012	29,835	2,914	4,022	4,764
26..	.....	13,742	36,986	.....	.....	27..	8,546	16,643	2,073	4,267	4,764
July 3..	.....	11,578	29,607	.....	.....	4..	6,313	15,911	2,073	4,267	4,764
10..	.....	4,076	22,994	.....	.....	11..	2,669	4,847	.....	4,244	8,052
17..	.....	3,417	16,286	.....	.....	18..	1,618	1,687	.....	4,244	8,052
24..	.....	2,698	4,625	1,683	237	25..	1,618	614	.....	4,697	6,160
31..	.....	358	5,697	10,695	237	August 1..	774	.....	.....	3,689	6,169
August 7..	.....	7,708	10,178	11,676	792	8..	6,749	.....	14,862	3,189	6,839
14..	.....	8,079	6,858	11,676	1,415	15..	8,924	.....	14,862	3,189	7,461
21..	5,000	15,268	6,054	9,509	3,556	22..	6,179	.....	14,011	933	17,084
28..	5,000	16,112	9,534	7,112	4,792	29..	4,649	17,877	14,011	933	17,084

NOTE.—Large quantities of Grain at times are stored in private warehouses, not shown in returns of elevators. Such supplies frequently exceed quantities in the regular elevators.

Stocks of Flour, at Cincinnati, on June 1, in years indicated:

YEARS.	Wheat.	Rye.	Total.	YEARS.	Wheat.	Rye.	Total.
1880.....	22,706	1,037	23,743	1886.....	41,802	1,215	43,017
1881.....	21,303	797	22,100	1887.....	40,827	1,347	42,174
1882.....	33,184	1,073	34,257	1888.....	41,861	1,396	43,257
1883.....	34,755	1,551	36,306	1889.....	37,466	1,209	38,675
1884.....	36,280	1,155	37,435	1890.....	48,470	1,315	49,785
1885.....	47,819	1,422	49,241	1891.....	45,559	992	46,551

YEARLY RANGE AND AVERAGE PRICES OF GRAIN.

Lowest and highest range, and average yearly quotations, per bushel, at Cincinnati, for No. 2 Red Wheat; No. 2 Mixed Ear Corn; Oats, representing No. 1 Mixed from 1860-61 to 1872-73, inclusive, and No. 2 Mixed from 1873-74 to 1890-91, inclusive; No. 2 Rye, and yearly average for No. 2 Fall Barley:

YEARS.	WHEAT.		CORN.		OATS.		RYE.		BARLEY.
	Range.	Average.	Range.	Average.	Range.	Average.	Range.	Average.	Average.
1860-61.....	65@1 12	93	28@ 50	34	22@31	27	40@ 72	56	69
1861-62.....	72@1 00	86	27@ 40	31	21@49	30	36@ 60	48	60
1862-63.....	82@1 30	1 04	35@ 70	53	40@74	58	51@1 10	76	1 36
1863-64.....	95@1 12	1 41	63@1 27	1 03	52@88	78	75@1 75	1 35	1 51
1864-65.....	1 25@1 07	1 78	56@1 29	77	40@90	52	62@1 65	1 15	1 28
1865-66.....	1 75@1 20	2 27	45@ 65	54	36@56	42	65@1 05	80	1 41
1866-67.....	1 95@1 50	2 79	59@ 98	79	35@86	57	81@ 75	1 28	1 53
1867-68.....	1 90@1 65	2 31	82@1 08	92	58@80	69	1 25@1 10	1 62	2 11
1868-69.....	1 15@1 98	1 57	57@1 10	73	55@76	64	90@1 45	1 28	2 37
1869-70.....	1 08@1 33	1 15	69@1 05	83	48@59	54	78@1 00	92	1 26
1870-71.....	1 10@1 55	1 27	50@ 79	56	34@56	46	65@1 13	91	1 00
1871-72.....	1 13@1 08	1 58	44@ 57	49	30@42	37	65@1 10	85	78
1872-73.....	1 39@1 80	1 56	39@ 50	42	27@48	36	65@1 90	76	87
1873-74.....	1 03@1 60	1 38	42@ 75	60	33@63	48	70@1 20	93	1 51
1874-75.....	1 03@1 75	1 16	58@ 87	72	41@71	59	83@1 28	1 06	1 41
1875-76.....	1 00@1 50	1 10	40@ 73	51	30@60	38	55@ 87	74	1 20
1876-77.....	1 08@1 15	1 41	40@ 57	46	28@52	37	55@1 05	74	90
1877-78.....	85@1 35	1 11	38@ 49	42	26@30	29	52@ 66	59	52
1878-79.....	85@1 15	96	31@ 45	37	22@36	27	49@ 62	54	1 00
1879-80.....	93@1 37	1 16	42@ 51	42	23@41	34	54@ 95	82	89
1880-81.....	88@1 39	1 10	40@ 87	49	30@46	38	83@1 35	1 04	98
1881-82.....	95@1 50	1 32	56@ 87	72	37@64	50	68@1 17	94	1 05
1882-83.....	95@1 17	1 05	44@ 76	54	28@48	39	51@ 70	62	76
1883-84.....	83@1 10	1 01	40@ 62	53	25@45	34	54@ 71	62	76
1884-85.....	72@1 09	89	37@ 59	47	25@41	32	53@ 75	63	80
1885-86.....	74@1 00	88	32@ 48	39	25@34	30	53@ 69	63	86
1886-87.....	71@ 89	80	34@ 55	40	26@32	29	46@ 66	58	61
1887-88.....	71@ 96	85	44@ 61	52	26@38	33	50@ 73	62	81
1888-89.....	73@1 15	93	30@ 49	37	20@29	26	41@ 65	52	78
1889-90.....	75@1 02	88	27@ 56	36	21@40	27	41@ 72	50	57
1890-91.....	82@1 16	99	49@ 77	60	31@58	48	61@1 05	81	77

MONTHLY PRICES OF WHEAT.

Monthly range of quotations for No. 2 Red Wheat, per bushel, at Cincinnati:

MONTHS.	1890-91	1889-90	1888-89	1887-88	1886-87	1885-86	1884-85	1883-84
September.....	97 @1 01	75 @ 83	87@1 00	71 @77	75 @78½	87@ 95	76@ 82	1 02½@1 07
October.....	97 @1 01½	76 @ 83	1 00@1 15	73 @77½	74½@78½	93@1 00	78@ 83	1 00 @1 06
November.....	92 @ 99½	77 @ 79	1 02@1 09	75½@82	75 @78	90@ 97	75@ 79	1 04 @1 07
December.....	95 @1 00	76½@ 82	95@1 05	83 @90	77 @82	91@ 96	72@ 80	1 02 @1 06
January.....	95 @1 00	76 @ 80	95@1 01	87 @90	82 @85	90@ 96	80@ 88	1 00 @1 05
February.....	99 @1 01	76 @ 79	96@1 02	84 @87½	82 @84½	91@ 96	83@ 89	1 03 @1 07
March.....	98 @1 07	76 @ 81	92@ 98	84½@88	80 @85	88@ 96	83@ 88	1 03 @1 07
April.....	1 06½@1 16	79 @ 90	81@ 95	85½@89	82 @84	87@ 92	86@1 09	1 00 @1 10
May.....	1 05 @1 13	89 @ 97	78@ 90	88 @96½	82½@88	75@ 91	1 00@1 09	1 02 @1 09
June.....	1 00 @1 06	83 @ 94	80@ 90	85 @95	75 @89	75@ 82	98@1 03	93 @1 04
July.....	81½@1 00	85 @ 95½	83@ 90	84 @86	71 @75	75@ 81	94@1 00	84 @ 94
August.....	87 @1 02	92 @1 02½	73@ 85	80 @91	71 @74	74@ 80	88@1 00	80 @ 86
YEARS.....	81½@1 16	75 @1 02½	73@1 15	71 @96½	71 @89	74@1 00	72@1 09	80 @1 10

MONTHLY PRICES OF CORN.

Monthly range for No. 2 Mixed Corn (shelled), per bushel, at Cincinnati:

MONTHS.	1890-91	1889-90	1888-89	1887-88	1886-87	1885-86	1884-85	1883-84
September.....	47½@53½	34½@37	44½@49½	44 @45½	39½@43½	45 @48	53 @56½	51 @56
October.....	52 @57	34 @37	44½@47	43 @45	37 @40	43 @48	44½@58	49½@52
November.....	52½@58½	34 @38	42½@46½	45½@51	36 @38	42½@47½	37 @46	49 @54
December.....	51 @54	30 @39	34½@44	52½@56	37½@38½	35 @47½	36 @41	50 @57
January.....	51½@55½	30 @33	34½@36	51 @53½	37 @38½	36 @39	39 @44½	49½@54
February.....	52½@58	30 @32½	32½@35	51 @52	38½@40	37 @38½	41½@45½	50 @61
March.....	56½@74	29½@33	32½@35½	51½@54½	38½@40	37 @38	42½@46	53 @56½
April.....	70½@77½	32 @37½	34 @36	52½@57½	39½@42½	36½@39	44½@45	52 @60
May.....	55½@73	35½@39½	34½@36	56 @61	40 @44½	35½@38½	47½@54	56½@60
June.....	56½@65	34½@39½	34½@38	50 @56	38½@41	34 @37	46½@49½	54½@58
July.....	59 @67½	37½@49½	36½@39½	46 @51	39½@44½	36 @45	47½@50	53 @56
August.....	61 @67½	49 @55	35 @38½	44 @49	41 @49	42½@44	45 @48½	53 @57½
YEARS.....	47½@77½	29½@49½	32½@49½	43 @61	36 @49	34 @48	36 @58	49 @61

MONTHLY PRICES OF OATS.

Monthly range of quotations for No. 2 Mixed Oats, per bushel, at Cincinnati:

MONTHS.	1890-91	1889-90	1888-89	1887-88	1886-87	1885-86	1884-85	1883-84
September.....	37 @40	21 @23	24½@27	26½@28½	27 @28½	25½@28	27 @30	28 @30½
October.....	40½@48½	21 @23	25½@26½	27½@29	27 @28½	26½@29	27 @30	29 @31½
November.....	47 @50	21 @23½	25½@29½	28 @32½	27½@29½	27 @32	27 @29	29½@33
December.....	41½@48½	22½@25½	27½@29½	32½@35½	29 @31	29½@32	27½@29	32½@35
January.....	43½@48½	23 @25	27½@28½	34 @36	30 @31½	30 @33	29 @34½	33½@37½
February.....	47½@49½	23 @25	26 @28½	32 @34½	30 @31	31½@33	32 @34½	36 @45
March.....	48 @58	23 @25½	26 @29	33½@34½	29½@30½	31½@33	33 @35	36 @37½
April.....	54½@58½	24½@28½	26 @27½	33½@35½	29½@32	31½@33	34 @41½	35 @37
May.....	47 @57½	27 @31½	25 @27½	34½@38	29½@31½	30½@32½	34½@41	34 @38
June.....	39 @49	28½@31½	25 @26½	34½@37½	29 @29½	29 @30½	34 @37	33 @36½
July.....	31 @41½	31 @40	25 @27	33 @36	26 @31	29 @34	33 @36	31 @35
August.....	30½@33	37 @40	20 @26½	26 @35	26½@29½	27 @30½	24½@34	25 @37
YEARS.....	30½@58½	21 @40	20 @29½	26 @38	26 @32	25½@33	24½@41½	25 @45

MONTHLY PRICES OF RYE.

Monthly range of quotations for No. 2 Rye, per bushel, at Cincinnati:

MONTHS.	1890-91	1889-90	1888-89	1887-88	1886-87	1885-86	1884-85	1883-84
September.....	65 @ 68	41@47	54½@58	50 @55½	53 @55	57½@64	55 @57	55@57½
October.....	67 @ 73½	44@45½	54½@55	54 @56½	51½@55	63 @66½	54 @58	56@59
November.....	74 @ 75½	45@47	55 @59	54½@65	53 @59	65 @66½	53 @55	57@61
December.....	73 @ 75½	45@47	55 @57	65 @73	58½@60	64 @66	53 @55	59@63
January.....	73½@80	46@54	53½@57	69 @70	58½@60	62 @66	55 @75	61@66
February.....	75½@80	46@52	52 @54	61 @70	59@60	63 @66	68 @73	61@68
March.....	87 @1 05	45@50	45 @53½	61 @68	59 @62	64 @67	65 @70	64@67
April.....	92 @ 99	48@57	45 @52	66 @73	60 @66	65 @69½	65 @72	64@67
May.....	90 @ 90	53@60	46 @50	68 @72	64 @66	65 @69½	71 @75	65@71
June.....	85 @ 90	50@60	44 @48	60 @68	61 @66	58 @67	65 @75	64@67
July.....	61 @ 85	47@55	44 @49	51 @60	46 @62	54½@60	60 @63	64@68
August.....	71 @1 05	55@72	11 @47½	50 @59	46 @51	52½@55	57½@62	54@65
YEARS.....	61 @1 05	41@72	41 @65	50 @73	46 @66	52½@69½	53 @75	54@71

PRICES OF WHEAT AND RYE.

Quotations for No. 2 Red Winter Wheat and No. 2 Rye, per bushel, at Cincinnati, on Tuesday of each week, in three years :

NO. 2 RED WINTER WHEAT.				NO. 2 RYE.			
DATES.	1890-91	1889-90	1888-89	DATES.	1890-91	1889-90	1888-89
September 2..	1 00 @ 1 00½	75 @ 77	89 @ 90	September 2..	67 @ 67½	41 @ 42	57 @ 57½
9..	98 @ 99	76 @ 78	89 @ 90	9..	67	44 @ 45	56 @ 56½
16..	98 @ 1 00	76 @ 78	88 @ 89	16..	67	45 @ 45½	55
23..	98 @ 99	77 @ 78	92 @ 93	23..	68	44 @ 44½	55 @ 55½
30..	97 @ 99	81 @ 83	1 00 @ 1 02	30..	66 @ 68	44 @ 44½	55½ @ 56½
October 7..	99½ @ 1 00	80 @ 81	1 15	October 7..	67 @ 67½	45 @ 45½	62½ @ 63
14..	98½ @ 99	79 @ 81	1 05 @ 1 07	14..	68	45 @ 45½	60
21..	1 00 @ 1 01½	78 @ 80	1 04 @ 1 05	21..	69 @ 70	45 @ 45½	58½ @ 59
28..	98 @ 99	77 @ 79	1 08 @ 1 09	28..	71 @ 72	45 @ 45½	58 @ 58½
November 4..	99 @ 99½	78 @ 79	1 05 @ 1 07	November 4..	74½ @ 75	45 @ 45½	58½ @ 59½
11..	97 @ 97½	77 @ 78	1 05 @ 1 07	11..	75	46 @ 46½	56 @ 57
18..	92 @ 93	77 @ 78	1 02 @ 1 03	18..	74	46 @ 47	56
25..	94 @ 96	77 @ 78	1 03 @ 1 05	25..	74 @ 75	46 @ 47	55½ @ 56
December 2..	96 @ 97	78 @ 80	1 04 @ 1 05	December 2..	75	46 @ 47	55 @ 55½
9..	98 @ 99	79 @ 81	1 04 @ 1 05	9..	74½ @ 75	45 @ 46	55½ @ 56½
16..	99 @ 1 00	77 @ 79	1 04 @ 1 05	16..	75	45 @ 46	56½ @ 57
23..	96 @ 97	77 @ 79	96 @ 1 00	23..	73 @ 74	45 @ 47	56½ @ 57
30..	95½ @ 96	76 @ 78	95 @ 97	30..	73½ @ 74	45 @ 47	56½ @ 57
January 6..	97 @ 97½	76 @ 78	98 @ 1 00	January 6..	74	48 @ 50	55½ @ 56
13..	99 @ 99½	78 @ 80	99 @ 1 01	13..	76	50 @ 52	55½ @ 56½
20..	95 @ 97	78 @ 80	1 00 @ 1 01	20..	74½ @ 75	52 @ 54	54 @ 54½
27..	97 @ 97½	77 @ 79	98 @ 1 00	27..	75½ @ 76	52 @ 53	54 @ 54½
February 3..	99½ @ 1 00	76 @ 78	98 @ 99	February 3..	78	50 @ 52	53½ @ 54
10..	99½ @ 1 00	77 @ 79	98 @ 1 00	10..	78½ @ 79	48 @ 50	53½ @ 54
17..	99 @ 1 00	77 @ 79	98 @ 1 00	17..	88	46 @ 48	53½ @ 54
24..	99½ @ 1 00	77 @ 79	96 @ 98	24..	87 @ 89	46 @ 48	53 @ 54
March 3..	98 @ 98½	77 @ 78	95 @ 98	March 3..	90	46 @ 48	52 @ 53
10..	1 02	77 @ 78	93 @ 96	10..	97	45 @ 46	50 @ 50½
17..	1 01 @ 1 02	77 @ 78	95 @ 97	17..	99	47 @ 49	48 @ 49
24..	1 04½ @ 1 05	80 @ 81	94 @ 96	24..	93 @ 93½	49 @ 50	45 @ 47
31..	1 06 @ 1 07	80	92 @ 95	31..	92 @ 93	49 @ 50	45 @ 47
April 7..	1 07 @ 1 08	80 @ 81	85 @ 88	April 7..	92 @ 92½	48 @ 50	47 @ 49
14..	1 10	86 @ 88	85 @ 87	14..	94 @ 94½	50 @ 52	48 @ 51
21..	1 17	88 @ 90	84 @ 86	21..	98 @ 99	50 @ 51	48 @ 50
28..	1 10 @ 1 11	88 @ 90	83 @ 85	28..	95	51 @ 55	48 @ 50
May 5..	1 07 @ 1 08	84 @ 86	84 @ 86	May 5..	93	55 @ 57	48 @ 50
12..	1 06½ @ 1 07	95 @ 97	87 @ 89	12..	90 @ 92	55 @ 57	47 @ 48
19..	1 07 @ 1 08	94 @ 96	83 @ 85	19..	92 @ 93	57 @ 59	48 @ 50
26..	1 05½ @ 1 06	93 @ 95	80 @ 81	26..	90 @ 91	58 @ 60	46 @ 48
June 2..	1 04 @ 1 05	93 @ 94	80 @ 82	June 2..	88 @ 89	58 @ 59	46 @ 48
9..	1 03 @ 1 03½	92 @ 93	83 @ 85	9..	87 @ 88	55 @ 56	46 @ 48
16..	1 02	88 @ 86	86 @ 88	16..	87 @ 88	55 @ 56	44 @ 46
23..	1 03 @ 1 03½	83 @ 85	85 @ 87	23..	87 @ 88	52	44 @ 46
30..	1 00 @ 1 01	85 @ 87	88 @ 90	30..	85	50	44 @ 46
July 7..	89½ @ 91	86 @ 87	85 @ 86	July 7..	83 @ 84	48 @ 50	48 @ 49
14..	88 @ 89	86 @ 87	83 @ 86	14..	70 @ 71	47 @ 49	47 @ 48
21..	83 @ 84	86½ @ 87	83 @ 85	21..	63 @ 65	50	47 @ 48
28..	85 @ 86½	95 @ 95½	83 @ 85	28..	67 @ 68	53	47½
August 4..	87 @ 87½	93 @ 93½	83 @ 85	August 4..	72½ @ 73	56½	47½
11..	89 @ 90½	97½ @ 98	76 @ 77	11..	80	64 @ 65	42 @ 44
18..	98½ @ 1 00	1 00 @ 1 02	74½ @ 76	18..	1 00	70 @ 71	42 @ 44
25..	1 01	1 02 @ 1 02½	74 @ 75	25..	93¼ @ 93½	70 @ 71	41 @ 42

* No session of the Chamber. Quotations of the following day. † New.

Months of lowest and highest prices of Wheat:

YEARS.	Lowest.	Highest.	YEARS.	Lowest.	Highest.
1883-84.....	August.....	April.....	1887-88.....	September.....	May.....
1884-85.....	December.....	April, May.....	1888-89.....	August.....	October.....
1885-86.....	August.....	October.....	1889-90.....	September.....	August.....
1886-87.....	August.....	June.....	1890-91.....	July.....	April.....

PRICES OF CORN.

Quotations of Mixed Ear Corn and No. 2 Mixed Corn (shelled), per bushel, at Cincinnati, on Tuesday of each week, in three years:

MIXED EAR CORN.				NO. 2 MIXED CORN (SHELLED).			
DATES.	1890-91	1889-90	1888-89	DATES.	1890-91	1889-90	1888-89
September 2.....	50 @53	34 @35	45 @45½	September 2.....	48½	35	47 @47½
9.....	50 @52	35 @37	47½ @49	9.....	48	35	49
16.....	51 @53½	35	48 @49	16.....	51	36	47½
23.....	51 @52	35 @36	45 @48½	23.....	53 @53½	36 @37	44½ @45
30.....	51 @54	36 @38	45 @48	30.....	53	36 @37	45
October 7.....	55 @57	37 @38	47 @48	October 7.....	53 @53½	34	46
14.....	52 @54	37 @38	47 @48	14.....	52	34	46 @46½
21.....	54 @56	37 @38	47 @48	21.....	55 @55½	34	46½
28.....	52 @55	33 @34	47 @48	28.....	55 @55½	34 @34½	46½
November 4.....	54 @56½	34 @35	47 @48	November 4.....	57	35 @36	43½ @44
11.....	55 @58	34 @35	46 @48	11.....	57 @57½	37	45½ @46
18.....	52 @55	34 @37	46 @47	18.....	57 @57½	37½ @38	43 @43½
25.....	51 @53	34 @37	46 @47	25.....	53½	38	43½ @44
December 2.....	50 @50½	34 @37	46 @47	December 2.....	52½ @53	38	44
9.....	52 @53	34 @37	35	9.....	53 @53½	38 @39	39
16.....	54 @55	34 @37	35	16.....	51 @51½	37 @38	35
23.....	54 @55	34 @37	35	23.....	51 @51½	37½ @38	35½ @36
30.....	50 @53	28 @30	30 @32	30.....	52	30 @31	34½ @35
January 6.....	54 @55½	29 @30	30 @32	January 6.....	53	32 @32½	35 @35½
13.....	55½ @56½	28 @30	30 @32	13.....	54	32 @33	35½
20.....	51½ @53	28 @30	30 @31	20.....	52	32 @33	35½ @35½
27.....	52½ @53½	29 @31	30 @31	27.....	53	31½ @32	35 @35½
February 3.....	58 @54	30 @33	30 @31	February 3.....	53½	30 @31	34½ @35
10.....	58½ @55	29 @31	30 @31	10.....	52½ @53	31 @31½	34 @34½
17.....	54½ @55½	29 @31	30 @31	17.....	53½ @54	31½ @32	33 @33½
24.....	58 @59	29 @31	30 @31	24.....	56 @56½	30½ @31	32½ @33
March 3.....	58 @59	29 @31	30 @31	March 3.....	57½ @57½	32 @32½	32½ @33
10.....	58 @60	30 @31	30 @31	10.....	60 @61	29½ @30½	33½ @34
17.....	61 @63	31 @32	30 @31	17.....	62½ @63	31 @31½	34 @35
24.....	72½ @73	31 @32	30 @31	24.....	73 @74	32 @32½	34½
31.....	70 @72	34 @36	31 @32	31.....	73 @73½	32 @32½	34½ @35
April 7.....	72 @74	31 @34	31 @32	April 7.....	78 @78½	34 @34½	33 @33½
14.....	72 @74	35 @37	31 @32	14.....	74½ @75	36 @37	34½ @35
21.....	75 @77	36 @38	33 @34	21.....	76	37 @37½	35 @35½
28.....	70 @72	36 @38	35 @36	28.....	70½	37 @37½	36 @36½
May 5.....	72 @74	36 @38	35 @37	May 5.....	70	38 @38½	36 @37
12.....	70 @73	37 @39	34 @36	12.....	67	38½ @39	35 @35½
19.....	63 @67	37 @39	34 @36	19.....	63	37½ @38	35½ @36
26.....	56 @59	37 @39	34 @36	26.....	57 @57½	36 @36½	35½ @36
June 2.....	58 @60	36 @38	34 @36	June 2.....	57½ @57½	34½ @35	35
9.....	70 @71	35 @37	34 @36	9.....	64 @65	36 @36½	35
16.....	57½ @59	35 @37	36 @36½	16.....	58	38 @38½	35
23.....	58½ @60	36 @38	37	23.....	59	37½ @38	37 @37½
30.....	64 @66	36 @38	38	30.....	59½ @60	37½ @38	38 @38½
July 7.....	66 @68	37 @39	38 @39	July 7.....	61	38 @38½	39 @39½
14.....	61 @62	45 @47	38 @40	14.....	61	40 @39½	38 @38½
21.....	63 @64	47 @49	38 @40	21.....	64 @65	41½	37 @37½
28.....	66 @67	48 @49	38 @40	28.....	67½	49 @49½	38
August 4.....	63 @64	47 @49	38 @40	August 4.....	62 @62½	50½ @51	38 @38½
11.....	64 @67	53 @54	37½ @39	11.....	63 @63½	54 @54½	37 @37½
18.....	67 @68	54 @55	37 @38	18.....	64½	54	37½ @38½
25.....	62 @64	52 @54	35 @36	25.....	65 @66	52½ @53	35 @35½

* No session of the Chamber. Quotations of the following day.

† New from this period.

Prices of No. 2 White Shelled Corn ranged during the year by months as follows:

September.....	48½ @53½	December.....	52 @54½	March.....	58 @75	June.....	63 @70½
October.....	52 @57	January.....	53 @55	April.....	74 @78	July.....	67½ @69
November.....	54 @57½	February.....	54½ @57	May.....	63 @74	August.....	65 @67½

NOTE.—General average for the year, 61.14.

PRICES OF OATS.

Quotations for No. 2 Mixed Oats and No. 2 White Oats, per bushel, at Cincinnati, on Tuesday of each week, in three years:

No. 2 MIXED OATS.				No. 2 WHITE OATS.			
DATES.	1890-91	1889-90	1888-89	DATES.	1890-91	1889-90	1888-89
September 2.....	38 $\frac{1}{2}$ @38 $\frac{1}{2}$	21 @21 $\frac{1}{2}$	26 @27	September 2.....	39 @39 $\frac{1}{2}$	22 @22 $\frac{1}{2}$	29 $\frac{1}{2}$
9.....	37 @37 $\frac{1}{2}$	21 $\frac{1}{2}$ @21 $\frac{1}{2}$	25 @26	9.....	39 @39 $\frac{1}{2}$	24 $\frac{1}{2}$	29
16.....	38 @38 $\frac{1}{2}$	22 @22 $\frac{1}{2}$	25	16.....	40 @40 $\frac{1}{2}$	24 $\frac{1}{2}$ @24 $\frac{1}{2}$	29
23.....	39 @39 $\frac{1}{2}$	22 @22 $\frac{1}{2}$	25 @25 $\frac{1}{2}$	23.....	41	24 $\frac{1}{2}$ @25	28 $\frac{1}{2}$ @29
30.....	40	22 $\frac{1}{2}$ @23	26 @26 $\frac{1}{2}$	30.....	42 @42 $\frac{1}{2}$	24 $\frac{1}{2}$ @25	29 $\frac{1}{2}$ @30
October 7.....	43 @43 $\frac{1}{2}$	21 $\frac{1}{2}$ @22	26 @26 $\frac{1}{2}$	October 7.....	44 @44 $\frac{1}{2}$	24 @24 $\frac{1}{2}$	30 $\frac{1}{2}$ @31 $\frac{1}{2}$
14.....	42 $\frac{1}{2}$ @43	21 $\frac{1}{2}$ @22	26	14.....	44	24 @24 $\frac{1}{2}$	31
21.....	47 @47 $\frac{1}{2}$	21 @21 $\frac{1}{2}$	25 $\frac{1}{2}$ @26	21.....	48 @49	24 @24 $\frac{1}{2}$	29 @29 $\frac{1}{2}$
28.....	46 $\frac{1}{2}$ @47	21	25 $\frac{1}{2}$ @26	28.....	48 @49	24 @24 $\frac{1}{2}$	29 @29 $\frac{1}{2}$
November 4.....	49 $\frac{1}{2}$ @50	22 @22 $\frac{1}{2}$	26 $\frac{1}{2}$ @27	November 4.....	51 @51 $\frac{1}{2}$	24 @24 $\frac{1}{2}$	29 @29 $\frac{1}{2}$
11.....	49 @50	22 $\frac{1}{2}$ @23	27 @27 $\frac{1}{2}$	11.....	51 @51 $\frac{1}{2}$	25	29 @29 $\frac{1}{2}$
18.....	48	22 @22 $\frac{1}{2}$	28	18.....	49 @49 $\frac{1}{2}$	24 $\frac{1}{2}$ @25	29 $\frac{1}{2}$ @30
25.....	47 $\frac{1}{2}$ @48	22 $\frac{1}{2}$ @23	29	25.....	49 @49 $\frac{1}{2}$	24 @24 $\frac{1}{2}$	31 @32
December 2.....	47 $\frac{1}{2}$ @48 $\frac{1}{2}$	22 $\frac{1}{2}$ @23	28 $\frac{1}{2}$ @29	December 2.....	49 @50	25 @25 $\frac{1}{2}$	31 @31 $\frac{1}{2}$
9.....	48 @48 $\frac{1}{2}$	22 $\frac{1}{2}$ @23	27 $\frac{1}{2}$ @28	9.....	49 @50	25 @25 $\frac{1}{2}$	30 @30 $\frac{1}{2}$
16.....	47 @47 $\frac{1}{2}$	21 $\frac{1}{2}$ @25	27 $\frac{1}{2}$ @28	16.....	48 $\frac{1}{2}$ @49	26 $\frac{1}{2}$ @27	30 @30 $\frac{1}{2}$
23.....	44 @44 $\frac{1}{2}$	24 @24 $\frac{1}{2}$	27 $\frac{1}{2}$ @28	23.....	45 @45 $\frac{1}{2}$	25 @25 $\frac{1}{2}$	30 @30 $\frac{1}{2}$
30.....	42 @42 $\frac{1}{2}$	23 $\frac{1}{2}$ @24	27 $\frac{1}{2}$ @28	30.....	44 @44 $\frac{1}{2}$	25 @25 $\frac{1}{2}$	30 @30 $\frac{1}{2}$
January 6.....	45 @45 $\frac{1}{2}$	23 @24	27 $\frac{1}{2}$ @28	January 6.....	46 $\frac{1}{2}$ @47	25 $\frac{1}{2}$ @26	30 @30 $\frac{1}{2}$
13.....	47 @48	23 @24	27 $\frac{1}{2}$ @28	13.....	48 $\frac{1}{2}$ @49	25 $\frac{1}{2}$ @26	30 @30 $\frac{1}{2}$
20.....	47 @47 $\frac{1}{2}$	24 @24 $\frac{1}{2}$	28	20.....	48 @48 $\frac{1}{2}$	26 @26 $\frac{1}{2}$	29 $\frac{1}{2}$ @30
February 27.....	47 @48 $\frac{1}{2}$	24 $\frac{1}{2}$ @25	28 @28 $\frac{1}{2}$	February 27.....	48 $\frac{1}{2}$ @49	26 @26 $\frac{1}{2}$	30 @30 $\frac{1}{2}$
3.....	48 @48 $\frac{1}{2}$	24 $\frac{1}{2}$ @25	28	3.....	49	25 $\frac{1}{2}$ @26 $\frac{1}{2}$	30 @30 $\frac{1}{2}$
10.....	48 @48 $\frac{1}{2}$	24 $\frac{1}{2}$ @25	27 $\frac{1}{2}$ @28	10.....	49 @49 $\frac{1}{2}$	26 @26 $\frac{1}{2}$	29 @30
17.....	48 @48 $\frac{1}{2}$	23 $\frac{1}{2}$ @24	27 @27 $\frac{1}{2}$	17.....	49 @49 $\frac{1}{2}$	25 @25 $\frac{1}{2}$	30 @30 $\frac{1}{2}$
24.....	49 @49 $\frac{1}{2}$	23 @24	26 @26 $\frac{1}{2}$	24.....	49 $\frac{1}{2}$	25 @25 $\frac{1}{2}$	30 @30 $\frac{1}{2}$
March 3.....	48 @48 $\frac{1}{2}$	24 @24 $\frac{1}{2}$	26 @26 $\frac{1}{2}$	March 3.....	49 $\frac{1}{2}$	25 @25 $\frac{1}{2}$	29 @30c
10.....	52	23 @24	26 @26 $\frac{1}{2}$	10.....	53	25 @25	29 @30
17.....	53 @53 $\frac{1}{2}$	24 @24 $\frac{1}{2}$	27 $\frac{1}{2}$ @28	17.....	54 @54 $\frac{1}{2}$	25 @26	31 @33
24.....	57 @58	21 $\frac{1}{2}$ @25	27 @27 $\frac{1}{2}$	24.....	58 @58 $\frac{1}{2}$	26 @26 $\frac{1}{2}$	31 @32
31.....	57 $\frac{1}{2}$ @58	24 @25	26 @26 $\frac{1}{2}$	31.....	59 @59 $\frac{1}{2}$	26 @26 $\frac{1}{2}$	30 @31
April 7.....	57 $\frac{1}{2}$ @58 $\frac{1}{2}$	25 @25 $\frac{1}{2}$	27 @27 $\frac{1}{2}$	April 7.....	59 @59 $\frac{1}{2}$	26 $\frac{1}{2}$ @27	29 $\frac{1}{2}$ @30
14.....	58 @58 $\frac{1}{2}$	28 @28	27 @27 $\frac{1}{2}$	14.....	58 $\frac{1}{2}$ @59	29 @29 $\frac{1}{2}$	28 $\frac{1}{2}$ @29
21.....	57 $\frac{1}{2}$ @58	27 @28	26 $\frac{1}{2}$ @27	21.....	59	30 @30 $\frac{1}{2}$	28 @29 $\frac{1}{2}$
28.....	54 $\frac{1}{2}$ @55	27 @27 $\frac{1}{2}$	26 $\frac{1}{2}$ @27	28.....	56 @56 $\frac{1}{2}$	29 $\frac{1}{2}$ @30	27 $\frac{1}{2}$ @28
May 5.....	56 @57	29 @29 $\frac{1}{2}$	26 $\frac{1}{2}$ @27	May 5.....	57 $\frac{1}{2}$ @58	31 $\frac{1}{2}$ @32	27 $\frac{1}{2}$ @28
12.....	55 $\frac{1}{2}$ @56	30 @31	27 @27 $\frac{1}{2}$	12.....	57 $\frac{1}{2}$ @58 $\frac{1}{2}$	32 @32 $\frac{1}{2}$	29 @31
19.....	52 $\frac{1}{2}$ @53	30 @30 $\frac{1}{2}$	27 @27 $\frac{1}{2}$	19.....	51 $\frac{1}{2}$ @54 $\frac{1}{2}$	31 $\frac{1}{2}$ @32	29 @31
26.....	49 $\frac{1}{2}$ @50	29 @29 $\frac{1}{2}$	25 @25 $\frac{1}{2}$	26.....	51 @53	31 @31 $\frac{1}{2}$	28 @29
June 2.....	47 $\frac{1}{2}$ @48 $\frac{1}{2}$	28 $\frac{1}{2}$ @29	25 @25 $\frac{1}{2}$	June 2.....	48 $\frac{1}{2}$ @50 $\frac{1}{2}$	31 $\frac{1}{2}$ @32	28 @29
9.....	48 $\frac{1}{2}$ @49	30 @30 $\frac{1}{2}$	25 @26	9.....	50 @51	32 @33	28 @29
16.....	45 @45 $\frac{1}{2}$	31 @31 $\frac{1}{2}$	25 $\frac{1}{2}$ @26 $\frac{1}{2}$	16.....	47 @47 $\frac{1}{2}$	32 @32 $\frac{1}{2}$	28 @29
23.....	41 @41 $\frac{1}{2}$	30 $\frac{1}{2}$ @31	25 @25 $\frac{1}{2}$	23.....	42 $\frac{1}{2}$ @43	31 $\frac{1}{2}$ @32 $\frac{1}{2}$	28 @29
30.....	40 @41	31 @31 $\frac{1}{2}$	25 @25 $\frac{1}{2}$	30.....	43 @44	33 @33 $\frac{1}{2}$	29 @29 $\frac{1}{2}$
July 7.....	39 $\frac{1}{2}$ @40	32 @32 $\frac{1}{2}$	23 $\frac{1}{2}$	July 7.....	43 $\frac{1}{2}$ @44	33 $\frac{1}{2}$ @33 $\frac{1}{2}$	30 $\frac{1}{2}$ @31
14.....	40 @40 $\frac{1}{2}$	37 $\frac{1}{2}$ @38	25 $\frac{1}{2}$ @26	14.....	44 @45	38 @39	31
21.....	40	38 @39	26	21.....	44	39 $\frac{1}{2}$	31
28.....	43 $\frac{1}{2}$ @44	38 @39	25 $\frac{1}{2}$ @26	28.....	43 $\frac{1}{2}$ @44	41 $\frac{1}{2}$	30 $\frac{1}{2}$ @31
August 4.....	31 @32	38 @38 $\frac{1}{2}$	25 $\frac{1}{2}$ @26	August 4.....	33 $\frac{1}{2}$ @34	41	30 $\frac{1}{2}$ @31
11.....	31 $\frac{1}{2}$ @32	39 $\frac{1}{2}$ @40	20 $\frac{1}{2}$ @22	11.....	34 @35	41 @41 $\frac{1}{2}$	25
18.....	31 $\frac{1}{2}$ @32	38 $\frac{1}{2}$ @39	20 @20 $\frac{1}{2}$	18.....	35 @35 $\frac{1}{2}$	40 $\frac{1}{2}$ @41	24 $\frac{1}{2}$ @25
25.....	32 @32 $\frac{1}{2}$	38 $\frac{1}{2}$	20 @20 $\frac{1}{2}$	25.....	35 $\frac{1}{2}$ @35 $\frac{1}{2}$	39 $\frac{1}{2}$	23 @23 $\frac{1}{2}$

* No session of the Chamber. Quotations of the following day.

† New.

MALT.—Prices of Spring Barley Malt ranged during the year by months as follows:

September.....	55@75	December.....	70@85	March.....	70@85	June.....	80@90
October.....	65@80	January.....	70@85	April.....	70@90	July.....	80@90
November.....	70@80	February.....	70@85	May.....	80@90	August.....	80@85

PRICES OF BARLEY.

Quotations for Extra No. 3 Fall Barley and Extra No. 3 Spring Barley, per bushel, at Cincinnati, on Tuesday of each week, in three years:

EXTRA NO. 3 FALL BARLEY.				EXTRA NO. 3 SPRING BARLEY.			
DATES.	1890-91	1889-90	1888-89	DATES.	1890-91	1889-90	1888-89
September 2.....	.....	63@66	75@80	September 2.....	.....	60	64@70
9.....	65@69	63@66	75@80	9.....	63@68	60	64@70
16.....	68@70	63@66	75@80	16.....	63@68	60	65@70
23.....	68@73	60@65	75@80	23.....	68@72	46@50	64@68
30.....	70@73	56@60	75@80	30.....	68@73	43@48	66@72
October 7.....	70@73	56@60	75@80	October 7.....	68@73	43@48	66@72
14.....	70@73	56@60	75@80	14.....	68@73	43@48	66@72
21.....	70@73	56@60	75@80	21.....	65@70	43@48	66@72
28.....	72@75	56@60	75@80	28.....	72@75	43@48	66@72
November 4.....	72@75	56@60	75@80	November 4.....	72@75	43@48	66@72
11.....	72@75	56@60	75@80	11.....	72@75	45@48	62@70
18.....	73@76	56@60	75@80	18.....	73@76	45@48	62@70
25.....	70@73	56@60	75@80	25.....	73@76	45@48	62@70
December 2.....	70@73	56@60	75@80	December 2.....	70@72	45@48	62@70
9.....	70@73	50@55	75@80	9.....	71@75	45@48	62@70
16.....	68@71	50@55	75@80	16.....	70@74	43@45	63@68
23.....	68@71	50@55	75@80	23.....	70@74	42@44	63@68
30.....	68@71	50@55	75@80	30.....	68@70	40	63@68
January 6.....	68@73	50@55	73@78	January 6.....	68@72	40@43	63@68
13.....	68@73	50@55	73@78	13.....	68@72	40@45	63@68
20.....	68@73	50@55	73@78	20.....	68@72	37@42	63@68
27.....	67@71	50@55	73@78	27.....	65@70	37@42	63@68
February 3.....	67@71	50@55	73@78	February 3.....	67@72	40@43	63@68
10.....	67@71	50@55	73@78	10.....	68@73	40@43	63@68
17.....	67@71	50@55	73@78	17.....	69@74	40@43	63@68
24.....	67@71	50@55	73@78	24.....	62@65	40@43	63@68
March 3.....	67@71	50@55	73@78	March 3.....	68@75	40@43	63@68
10.....	67@71	50@55	70@72	10.....	68@75	40@43	48@50
17.....	67@71	45@50	70@72	17.....	68@75	38@41	45@48
24.....	67@71	45@50	68@70	24.....	68@74	40@44	45@48
31.....	67@71	45@50	66@70	31.....	68@74	40@44	45@50
April 7.....	72@75	45@50	66@70	April 7.....	72@75	40@44	45@50
14.....	72@75	45@50	65@68	14.....	72@75	40@44	45@50
21.....	72@75	45@50	65@68	21.....	72@75	40@44	45@50
28.....	72@75	45@50	65@68	28.....	72@75	40@44	45@50
May 5.....	72@75	45@50	65@68	May 5.....	72@75	40@44	45@50
12.....	72@75	45@50	65@68	12.....	72@75	40@44	40@45
19.....	72@75	45@50	65@68	19.....	72@75	42@46	40@45
26.....	72@75	45@50	65@68	26.....	72@75	42@46	40@45
June 2.....	72@75	45@50	65@68	June 2.....	72@75	42@46	43@48
9.....	72@75	45@50	65@68	9.....	72@75	45@50	43@48
16.....	72@75	45@50	65@68	16.....	72@75	45@50	43@48
23.....	72@75	45@50	65@68	23.....	72@75	45@50	43@48
30.....	72@75	45@50	.....	30.....	72@75	45@50	41@45
July 7.....	72@75	45@50	.....	July 7.....	72@75	45@50	41@45
14.....	72@75	45@50	.....	14.....	72@75	45@50	41@45
21.....	72@75	45@50	.....	21.....	72@75	45@50	41@45
28.....	72@75	45@50	.....	28.....	72@75	45@50	41@45
August 4.....	72@75	.....	.....	August 4.....	72@75	.....	.....
11.....	72@75	.....	.....	11.....	72@75	.....	.....
18.....	72@75	.....	.....	18.....	72@75	.....	.....
25.....	72@75	.....	.....	25.....	72@75	.....	60@62

* No session of the Chamber. Quotations of the following day.

Prices of No. 2 Fall Barley ranged during the year by months as follows:

September.....73@77	December.....73@77	March.....75@78	June.....77@80
October.....74@78	January.....75@80	April.....77@80	July.....77@80
November.....75@80	February.....75@78	May.....77@80	August.....77@80

NOTE.—General average for the year, 77.06.

MONTHLY RECEIPTS AND SHIPMENTS OF GRAIN.

Monthly receipts and shipments of Grain, in bushels, at Cincinnati, for the year ending August 31, 1891:

MONTHS.	RECEIPTS.					SHIPMENTS.				
	Wheat.	Corn.	Oats.	Rye.	Barley.	Wheat.	Corn.	Oats.	Rye.	Barley.
September.....	99,504	360,028	363,808	34,126	161,293	68,047	120,594	194,147	13,444	7,125
October.....	107,752	445,120	328,665	77,547	465,274	62,203	79,259	111,086	46,553	3,535
November.....	77,662	560,362	370,593	72,401	260,470	83,818	114,810	130,259	40,919	14,314
December.....	59,677	548,348	446,617	25,481	358,540	45,237	207,828	159,905	27,192	32,500
January.....	74,327	624,554	207,405	45,412	215,005	54,247	206,126	175,398	16,274	17,534
February.....	102,578	552,001	249,955	28,285	131,838	69,544	299,174	103,095	11,236	6,452
March.....	106,382	575,696	243,701	55,827	57,400	75,349	231,062	185,420	19,169	6,337
April.....	117,338	513,125	372,092	32,076	62,329	93,997	217,069	151,335	21,671	5,615
May.....	67,875	508,724	311,430	31,264	9,275	61,046	177,501	130,234	20,284	2,105
June.....	51,505	364,594	301,000	8,503	700	48,140	205,419	155,895	4,062	1,400
July.....	636,431	506,607	374,217	45,562	700	431,367	221,911	132,186	10,852	.....
August.....	612,983	383,623	514,152	53,165	9,160	612,906	129,794	289,770	19,700	700

VISIBLE SUPPLY OF WHEAT.

Stocks of Wheat, in granary, at principal points of accumulation, at lake and seaboard ports, and in transit by water, the first of each month, for ten years:

MONTHS.	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882
January....	25,478,000	33,972,000	38,321,000	44,422,000	62,730,000	58,433,000	47,992,000	35,507,000	21,048,000	17,762,000
February....	23,592,000	31,488,000	34,875,000	41,761,000	61,885,000	54,989,000	47,913,000	32,786,000	21,909,000	17,752,000
March.....	22,926,000	28,996,000	32,030,000	38,463,000	57,627,000	52,144,000	48,441,000	34,603,000	23,332,000	17,045,000
April.....	22,764,000	27,116,000	29,440,000	34,387,000	51,586,000	48,972,000	48,089,000	31,945,000	22,631,000	12,101,000
May.....	20,980,000	23,982,000	26,046,000	32,464,000	47,313,000	43,249,000	43,654,000	23,901,000	20,782,000	10,577,000
June.....	17,493,000	22,453,000	20,206,000	26,423,000	43,209,000	34,888,000	40,707,000	18,906,000	20,285,000	9,427,000
July.....	13,590,000	20,174,000	15,301,000	23,619,000	34,413,000	28,219,000	41,332,000	15,439,000	19,418,000	10,107,000
August.....	16,768,000	18,463,000	12,135,000	22,190,000	33,141,000	34,652,000	40,262,000	14,100,000	17,705,000	13,570,000
September....	19,124,000	17,640,000	14,385,000	29,270,000	30,573,000	42,965,000	43,137,000	17,773,000	20,714,000	12,045,000
October.....	26,862,000	16,800,000	17,853,000	31,510,000	30,598,000	51,220,000	45,141,000	26,376,000	26,964,000	13,149,000
November....	36,232,000	21,235,000	25,712,000	33,477,000	33,931,000	56,154,000	51,702,000	36,103,000	31,129,000	16,078,000
December....	43,265,000	24,528,000	31,471,000	36,082,000	40,261,000	59,572,000	55,540,000	43,153,000	33,232,000	20,118,000

VISIBLE SUPPLY OF CORN.

Stocks of Corn, in granary, at principal points of accumulation, at lake and seaboard ports, and in transit by water, the first of each month, for ten years:

MONTHS.	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882
January....	2,568,000	8,097,000	8,498,000	6,230,000	13,783,000	7,950,000	4,024,000	10,120,000	9,229,000	16,861,000
February....	2,610,000	11,919,000	13,377,000	7,348,000	16,252,000	7,199,000	4,967,000	12,771,000	10,700,000	17,816,000
March.....	2,767,000	14,445,000	15,833,000	9,056,000	16,131,000	11,404,000	5,771,000	14,477,000	13,645,000	14,200,000
April.....	2,988,000	20,204,000	16,839,000	9,188,000	18,805,000	16,093,000	8,886,000	16,948,000	17,788,000	9,696,000
May.....	3,125,000	14,335,000	12,523,000	8,482,000	18,650,000	11,799,000	7,740,000	11,792,000	16,894,000	8,407,000
June.....	5,153,000	12,685,000	11,608,000	9,210,000	13,074,000	8,068,000	4,693,000	7,578,000	13,793,000	9,945,000
July.....	3,850,000	11,822,000	9,489,000	11,315,000	10,180,000	9,132,000	5,291,000	6,505,000	13,066,000	6,965,000
August.....	3,874,000	12,019,000	7,153,000	8,374,000	7,543,000	9,247,000	4,491,000	3,949,000	10,542,000	6,274,000
September....	5,611,000	9,284,000	11,756,000	8,496,000	6,353,000	11,789,000	5,474,000	4,127,000	11,338,000	6,252,000
October.....	8,887,000	8,640,000	12,933,000	10,175,000	7,085,000	13,395,000	4,623,000	6,621,000	11,066,000	6,650,000
November....	2,972,000	7,017,000	7,792,000	11,164,000	8,282,000	13,097,000	4,664,000	5,176,000	10,336,000	3,669,000
December....	2,626,000	3,144,000	6,204,000	7,056,000	5,372,000	11,123,000	3,572,000	5,222,000	8,621,000	6,460,000

WHEAT CROPS OF THE UNITED STATES.

Department of Agriculture estimates of Wheat Production (bushels), in 1891, with comparisons for previous years indicated, arranged for Winter and Spring Wheat crops:

STATES.	1891	1890	1889	1888	1887	1886	1885
Ohio.....	45,531,000	29,984,000	36,865,000	28,705,000	35,895,000	40,362,000	20,593,000
Michigan.....	30,205,000	20,271,000	23,709,000	24,028,000	21,672,000	26,572,000	31,261,000
Indiana.....	32,807,000	27,928,000	41,187,000	28,879,000	37,828,000	40,255,000	26,659,000
Illinois.....	35,025,000	18,161,000	38,014,000	33,556,000	36,861,000	27,562,000	10,683,000
Missouri.....	25,732,000	17,638,000	20,639,000	18,496,000	27,744,000	21,986,000	11,275,000
Kansas.....	54,866,000	28,195,000	30,912,000	15,960,000	7,607,000	14,556,000	11,197,000
Kentucky.....	13,181,000	9,152,000	10,811,000	10,436,000	11,113,000	12,405,000	3,759,000
Tennessee.....	11,626,000	7,873,000	9,085,000	10,297,000	9,595,000	8,024,000	3,821,000
New York.....	10,633,000	9,288,000	8,929,000	9,309,000	10,137,000	11,093,000	10,565,000
New Jersey.....	2,124,000	1,680,000	1,711,000	1,785,000	1,459,000	2,260,000	1,395,000
Pennsylvania.....	20,864,000	16,049,000	16,617,000	18,802,000	13,785,000	18,255,000	13,325,000
Delaware.....	1,250,000	919,000	1,100,000	1,194,000	929,000	1,177,000	957,000
Maryland.....	8,107,000	6,208,000	6,171,000	7,634,000	5,797,000	7,194,000	5,534,000
Virginia.....	7,651,000	5,614,000	6,804,000	5,172,000	4,832,000	5,581,000	2,833,000
North Carolina.....	4,975,000	3,156,000	4,492,000	3,835,000	5,094,000	3,209,000	2,790,000
South Carolina.....	992,000	750,000	1,191,000	973,000	1,233,000	936,000	1,170,000
Georgia.....	2,323,000	1,411,000	2,383,000	1,910,000	2,522,000	1,690,000	2,817,000
Alabama.....	2,251,000	1,319,000	2,502,000	2,186,000	1,305,000	1,529,000	1,307,000
Mississippi.....	483,000	286,000	494,000	532,000	313,000	173,000	190,000
Texas.....	6,435,000	3,575,000	6,189,000	6,066,000	5,450,000	5,382,000	6,117,000
Arkansas.....	2,236,000	1,575,000	1,794,000	2,267,000	2,290,000	1,815,000	1,565,000
West Virginia.....	3,423,000	2,326,000	3,144,000	2,899,000	2,840,000	3,061,000	1,493,000
California.....	36,595,000	29,121,000	43,781,000	28,451,000	30,429,000	36,165,000	26,592,000
Oregon.....	13,149,000	12,865,000	13,689,000	14,548,000	16,100,000	11,133,000	13,916,000
Winter.....	392,464,000	255,344,000	332,213,000	277,920,000	292,830,000	302,376,000	211,814,000
Minnesota.....	55,333,000	38,356,000	45,456,000	27,881,000	36,299,000	42,856,000	34,285,000
Wisconsin.....	13,043,000	13,096,000	16,937,000	13,855,000	13,063,000	14,725,000	15,665,000
Iowa.....	27,586,000	19,041,000	21,023,000	21,196,000	26,837,000	32,455,000	30,332,000
Nebraska.....	18,080,000	15,315,000	16,848,000	14,508,000	16,585,000	17,449,000	19,828,000
Dakotas ^a	81,819,000	40,411,000	41,652,000	38,036,000	52,406,000	30,704,000	27,913,000
Colorado.....	2,037,000	1,777,000	1,851,000	2,346,000	2,514,000	2,419,000	2,395,000
Washington.....	12,216,000	8,071,000	6,856,000	9,006,000	8,315,000	7,560,000	7,412,000
Nevada.....	372,000	250,000	335,000	200,000	111,000	72,000	103,000
Idaho.....	1,811,000	1,370,000	1,449,000	1,252,000	1,120,000	1,039,000	1,154,000
Montana.....	1,856,000	1,488,000	1,539,000	2,001,000	1,760,000	1,569,000	1,715,000
New Mexico.....	1,073,000	1,105,000	1,096,000	1,233,000	1,221,000	921,000	1,023,000
Utah.....	2,393,000	2,279,000	1,890,000	1,945,000	1,971,000	1,541,000	1,926,000
Arizona.....	395,000	311,000	337,000	370,000	303,000	297,000	303,000
Wyoming.....	110,000	.....	.....	.....	.....	63,000	66,000
Maine.....	669,000	543,000	589,000	589,000	481,000	600,000	566,000
New Hampshire.....	148,000	140,000	144,000	152,000	110,000	169,000	174,000
Vermont.....	344,000	335,000	325,000	346,000	320,000	410,000	390,000
Massachusetts.....	.....	.....	.....	.....	16,000	17,000	17,000
Connecticut.....	31,000	30,000	30,000	32,000	37,000	36,000	31,000
Spring.....	219,316,000	143,918,000	158,347,000	137,948,000	163,499,000	154,842,000	145,298,000
Total crop.....	611,780,000	399,262,000	490,560,000	415,868,000	456,329,000	457,218,000	357,112,000
Total acres.....	39,916,897	36,087,154	38,123,859	37,336,138	37,641,783	36,806,184	34,189,246
Value.....	\$513,472,711	\$534,773,678	\$342,491,707	\$385,248,030	\$310,612,960	\$314,226,020	\$275,320,390
Yield per acre.....	15.3	11.1	12.9	11.1	12.1	12.4	10.4
Farm price.....	83.9	83.1	69.8	87.3	68.1	68.7	77.0

NOTE.—The average price relates only to December valuation, on which the aggregate value indicated is based.

^a 1891: North Dakota, 52,105,000; South Dakota, 29,714,000.

CORN CROPS OF THE UNITED STATES.

Department of Agriculture estimates of Corn Production (bushels), in 1891, with comparisons for previous years indicated:

STATES.	1891	1890	1889	1888	1887	1886	1885
Maine	1,107,000	1,008,000	1,084,000	586,000	1,132,000	989,000	1,009,000
New Hampshire	1,333,000	1,259,000	1,311,000	846,000	1,323,000	1,364,000	1,299,000
Vermont	2,144,000	1,839,000	2,044,000	1,491,000	2,204,000	2,058,000	1,979,000
Massachusetts	2,138,000	1,838,000	1,997,000	1,788,000	2,124,000	1,022,000	1,961,000
Rhode Island	450,000	402,000	393,000	382,000	414,000	408,000	429,000
Connecticut	2,112,000	2,014,000	1,766,000	1,778,000	1,977,000	1,992,000	2,033,000
New York	22,080,000	17,101,000	20,475,000	22,870,000	23,410,000	22,426,000	22,448,000
New Jersey	12,343,000	11,185,000	10,792,000	11,351,000	10,406,000	9,418,000	11,212,000
Pennsylvania	46,527,000	38,043,000	41,225,000	45,414,000	44,905,000	40,545,000	46,074,000
Delaware	5,105,000	4,428,000	3,905,000	3,844,000	4,332,000	3,590,000	4,174,000
Maryland	18,881,000	16,343,000	15,105,000	17,553,000	19,415,000	15,036,000	15,999,000
Virginia	39,846,000	36,922,000	34,231,000	34,745,000	37,680,000	32,793,000	31,838,000
North Carolina	37,676,000	36,264,000	33,050,000	28,343,000	35,830,000	27,215,000	25,199,000
South Carolina	18,650,000	16,078,000	18,310,000	13,715,000	15,013,000	13,318,000	13,453,000
Georgia	37,829,000	31,306,000	33,730,000	28,069,000	32,067,000	31,197,000	32,162,000
Florida	5,460,000	4,570,000	5,206,000	4,541,000	4,816,000	4,597,000	3,799,000
Alabama	32,245,000	25,390,000	33,944,000	31,616,000	33,522,000	28,893,000	31,405,000
Mississippi	29,665,000	24,396,000	29,474,000	28,422,000	32,633,000	25,507,000	25,765,000
Louisiana	18,725,000	16,979,000	18,949,000	15,263,000	18,022,000	14,640,000	15,410,000
Texas	70,635,000	63,802,000	83,698,000	92,436,000	76,490,000	69,313,000	84,406,000
Arkansas	42,455,000	31,443,000	42,608,000	41,543,000	41,367,000	42,140,000	38,309,000
Tennessee	82,552,000	67,692,000	80,831,000	75,665,000	75,204,000	73,314,000	75,581,000
West Virginia	18,888,000	13,435,000	15,199,000	16,149,000	12,516,000	15,194,000	15,827,000
Kentucky	82,795,000	63,645,000	75,382,000	81,545,000	57,840,000	88,758,000	90,569,000
Ohio	94,092,000	65,876,000	88,933,000	93,018,000	73,797,000	96,204,000	111,865,000
Michigan	31,133,000	26,580,000	22,737,000	29,025,000	18,930,000	27,635,000	30,706,000
Indiana	123,622,000	89,025,000	106,656,000	125,478,000	71,400,000	118,795,000	131,994,000
Illinois	234,880,000	187,446,000	259,125,000	278,060,000	141,080,000	209,818,000	268,998,000
Wisconsin	29,718,000	33,061,000	28,415,000	32,733,000	25,775,000	28,493,000	32,750,000
Minnesota	21,586,000	21,286,000	21,263,000	20,622,000	18,081,000	19,906,000	18,431,000
Iowa	350,878,000	232,439,000	349,366,000	278,292,000	183,502,000	198,847,000	242,496,000
Missouri	203,210,000	175,345,000	218,841,000	202,583,000	140,949,000	143,709,000	196,861,000
Kansas	141,893,000	55,269,000	240,508,000	158,186,000	76,547,000	126,712,000	158,390,000
Nebraska	167,652,000	55,310,000	149,543,000	144,217,000	93,150,000	106,129,000	129,426,000
California	5,571,000	4,396,000	4,464,000	4,314,000	4,703,000	4,262,000	3,840,000
Oregon	260,000	173,000	157,000	161,000	182,000	168,000	148,000
Nevada .....	.....	.....	.....	.....	24,000	22,000	21,000
Colorado	933,000	767,000	1,092,000	777,000	938,000	938,000	959,000
Arizona .....	.....	.....	.....	.....	59,000	67,000	66,000
North Dakota*	701,000	.....	.....	.....	.....	.....	.....
South Dakota*	21,018,000	12,030,000	14,743,000	18,816,000	20,992,000	15,805,000	15,345,000
Idaho .....	.....	.....	.....	.....	56,000	42,000	41,000
Montana .....	.....	.....	.....	.....	25,000	22,000	22,000
New Mexico	1,051,000	1,126,000	1,126,000	992,000	970,000	973,000	979,000
Utah	675,000	739,000	644,000	486,000	285,000	267,000	409,000
Washington .....	.....	.....	.....	122,000	74,000	88,000	89,000
Total crop	2,060,154,000	1,489,970,000	2,112,892,000	1,987,790,000	1,456,161,000	1,665,441,000	1,936,176,000
Total acres	76,204,515	71,970,763	78,319,651	75,672,763	72,392,720	75,694,208	73,130,150
Value	\$836,439,228	\$754,433,451	\$597,918,829	\$677,561,680	\$646,106,770	\$610,311,000	\$635,674,830
Yield per acre	27.0	20.7	27.0	26.3	20.1	22.0	26.5
Farm price	40.6	50.6	28.3	34.1	44.4	36.6	32.8

NOTE.—The average price relates only to December valuation, on which the aggregate value indicated is based.

* Previous to 1891, the South Dakota figures included North Dakota production.

OATS CROPS OF THE UNITED STATES.

Department of Agriculture estimates of Oats Production (bushels), in 1891, with comparisons for previous years indicated :

STATES.	1891	1890	1889	1888	1887	1886
Maine.....	3,466,000	2,847,000	2,764,000	2,656,000	2,684,000	2,701,000
New Hampshire.....	1,098,000	862,000	956,000	1,033,000	965,000	1,081,000
Vermont.....	4,037,000	2,793,000	3,324,000	3,536,000	2,736,000	3,844,000
Massachusetts.....	768,000	598,000	646,000	705,000	703,000	738,000
Rhode Island.....	226,000	153,000	170,000	174,000	165,000	184,000
Connecticut.....	1,147,000	780,000	1,009,000	1,055,000	1,088,000	1,123,000
New York.....	41,694,000	23,913,000	36,009,000	40,570,000	33,208,000	40,223,000
New Jersey.....	3,884,000	2,449,000	3,408,000	3,688,000	3,221,000	3,734,000
Pennsylvania.....	33,704,000	21,972,000	34,504,000	35,251,000	32,921,000	37,759,000
Delaware.....	489,000	298,000	420,000	450,000	458,000	492,000
Maryland.....	2,127,000	1,357,000	2,203,000	2,296,000	2,438,000	2,470,000
Virginia.....	6,617,000	6,587,000	9,166,000	8,108,000	11,095,000	8,577,000
North Carolina.....	5,120,000	6,198,000	6,941,000	6,078,000	8,504,000	6,276,000
South Carolina.....	4,085,000	4,168,000	4,129,000	3,773,000	4,607,000	3,440,000
Georgia.....	7,238,000	5,455,000	6,874,000	7,115,000	7,044,000	5,301,000
Florida.....	598,000	573,000	568,000	599,000	761,000	489,000
Alabama.....	5,188,000	4,864,000	3,970,000	4,806,000	4,643,000	4,718,000
Mississippi.....	3,747,000	4,778,000	3,656,000	4,096,000	4,410,000	3,368,000
Louisiana.....	634,000	567,000	396,000	495,000	498,000	361,000
Texas.....	15,975,000	11,059,000	14,808,000	13,595,000	12,193,000	11,369,000
Arkansas.....	4,945,000	3,967,000	4,848,000	5,135,000	4,710,000	4,749,000
Tennessee.....	5,960,000	6,486,000	8,179,000	11,108,000	9,225,000	7,920,000
West Virginia.....	2,385,000	1,506,000	2,520,000	2,495,000	2,531,000	2,803,000
Kentucky.....	8,175,000	3,954,000	9,456,000	8,454,000	8,847,000	10,219,000
Ohio.....	28,523,000	20,004,000	36,615,000	33,819,000	30,098,000	31,850,000
Michigan.....	30,280,000	25,033,000	30,469,000	26,068,000	22,644,000	18,521,000
Indiana.....	21,034,000	17,800,000	27,317,000	28,522,000	27,943,000	31,798,000
Illinois.....	111,095,000	70,821,000	145,346,000	137,400,000	108,866,000	103,649,000
Wisconsin.....	49,348,000	38,919,000	52,697,000	42,768,000	34,855,000	39,656,000
Minnesota.....	52,015,000	38,402,000	53,128,000	43,540,000	40,636,000	40,735,000
Iowa.....	102,577,000	71,397,000	99,459,000	67,090,000	74,382,000	78,454,000
Missouri.....	27,568,000	24,579,000	36,384,000	34,909,000	39,793,000	30,577,000
Kansas.....	37,132,000	31,269,000	37,529,000	42,654,000	40,041,000	25,516,000
Nebraska.....	48,599,000	22,430,000	29,963,000	26,177,000	25,365,000	21,865,000
California.....	2,416,000	1,943,000	1,899,000	1,866,000	2,196,000	2,317,000
Oregon.....	7,341,000	6,658,000	5,432,000	5,441,000	5,547,000	5,102,000
Nevada.....	.....	.....	.....	206,000	196,000	250,000
Colorado.....	3,579,000	2,498,000	3,129,000	1,664,000	1,569,000	1,591,000
The Dakotas.....	40,035,000	24,846,000	23,290,000	31,218,000	37,266,000	20,651,000
Idaho.....	1,226,000	1,093,000	1,000,000	957,000	1,095,000	1,078,000
Montana.....	3,648,000	2,797,000	2,578,000	1,780,000	1,886,000	1,987,000
New Mexico.....	359,000	332,000	340,000	332,000	362,000	528,000
Utah.....	1,288,000	1,059,000	916,000	986,000	786,000	858,000
Washington.....	6,744,000	3,497,000	3,082,000	3,314,000	3,369,000	3,126,000
Wyoming.....	.....	.....	.....	93,000	88,000	86,000
Total crop.....	738,394,000	523,621,000	751,515,000	701,735,000	659,618,000	624,134,000
Total acres.....	25,581,861	26,481,369	27,462,316	26,998,282	25,920,906	23,658,474
Value.....	\$232,312,267	\$222,048,486	\$171,781,008	\$195,424,240	\$200,699,790	\$186,137,930
Yield per acre.....	28.8	19.8	27.3	26.0	25.4	26.4
Farm price.....	31.4	42.4	22.9	27.8	30.4	29.8

NOTE.—The average price relates only to December valuation, on which the aggregate value indicated is based.

UNITED STATES CEREAL PRODUCTION.

Department of Agriculture estimates of yearly Production of Cereal Crops, and aggregates, representing bushels, for years indicated :

YEARS.	Wheat.	Corn.	Oats.	Rye.	Barley.	Buckwheat.	Total.
1869.....	260,147,000	874,320,000	288,334,000	22,528,000	28,652,000	17,431,000	1,491,412,000
1870.....	235,885,000	1,084,255,000	247,277,000	15,474,000	26,215,000	9,841,000	1,629,027,000
1871.....	230,722,000	991,898,000	255,743,000	15,365,000	26,719,000	8,329,000	1,528,776,000
1872.....	249,997,000	1,092,719,000	271,747,000	14,889,000	26,846,000	8,134,000	1,664,352,000
1873.....	281,255,000	982,274,000	270,340,000	15,142,000	32,044,000	7,838,000	1,538,888,000
1874.....	309,103,000	850,148,000	240,369,000	14,991,000	32,552,000	8,017,000	1,454,180,000
1875.....	292,136,000	1,321,069,000	354,317,000	17,722,000	36,909,000	10,082,000	2,082,235,000
1876.....	289,356,000	1,283,827,000	320,884,000	20,375,000	38,711,000	9,669,000	1,962,822,000
1877.....	361,194,000	1,342,558,000	406,394,000	21,170,000	34,441,000	10,177,000	2,178,934,000
1878.....	420,122,000	1,388,219,000	413,578,000	25,843,000	42,246,000	12,247,000	2,302,255,000
1879.....	448,757,000	1,547,902,000	363,761,000	23,639,000	40,283,000	13,140,000	2,437,482,000
1880.....	498,550,000	1,717,435,000	417,885,000	24,541,000	45,165,000	14,618,000	2,718,194,000
1881.....	383,280,000	1,194,916,000	416,481,000	20,705,000	41,161,000	9,486,000	2,066,029,000
1882.....	504,185,000	1,617,025,000	488,251,000	29,960,000	48,954,000	11,019,000	2,699,394,000
1883.....	420,155,000	1,551,067,000	571,302,000	28,059,000	50,136,000	7,669,000	2,628,388,000
1884.....	512,764,000	1,735,528,000	583,628,000	28,640,000	61,203,000	11,116,000	2,992,879,000
1885.....	357,112,000	1,936,176,000	629,409,000	21,756,000	58,360,000	12,626,000	3,015,439,000
1886.....	457,218,000	1,665,441,000	624,134,000	24,489,000	59,428,000	11,869,000	2,842,579,000
1887.....	456,329,000	1,456,161,000	659,618,000	20,603,000	56,812,000	10,884,000	2,660,497,000
1888.....	415,868,000	1,987,790,000	701,735,000	28,415,000	63,864,000	12,050,000	3,209,742,000
1889.....	490,560,000	2,112,892,000	751,515,000	30,000,000	65,000,000	12,000,000	3,462,000,000
1890.....	399,262,000	1,489,970,000	523,621,000	28,000,000	63,000,000	11,000,000	2,515,000,000
1891.....	611,780,000	2,060,154,000	738,394,000	33,000,000	75,000,000	12,000,000	3,530,000,000

NOTE.—For Rye, Barley and Buckwheat, no official figures have been submitted since 1888, and approximations are given for these since then.

Department of Agriculture estimates of Acreage of Cereal Crops:

YEARS.	Wheat.	Corn.	Oats.	Rye.	Barley.	Buckwheat.	Total.
1880.....	37,988,700	62,317,800	16,188,000	1,767,600	1,843,300	822,800	120,926,200
1881.....	37,709,000	64,262,000	16,831,600	1,789,100	1,967,500	828,800	123,388,000
1882.....	37,067,200	65,659,500	18,494,700	2,227,900	2,272,100	847,100	126,578,500
1883.....	36,455,600	68,301,900	20,325,000	2,314,700	2,379,000	857,300	130,633,500
1884.....	39,475,900	69,683,800	21,300,900	2,343,900	2,608,800	879,400	136,292,700
1885.....	34,189,200	73,130,100	22,783,600	2,129,300	2,729,400	914,400	135,876,000
1886.....	36,806,200	75,694,200	23,658,500	2,129,900	2,652,900	917,900	141,859,600
1887.....	37,641,800	72,392,700	25,920,900	2,053,400	2,962,000	910,500	141,821,300
1888.....	37,336,100	75,672,700	26,998,300	2,364,800	2,996,400	912,000	146,280,900
1889.....	38,123,800	78,319,600	27,462,300	.....	.....	.....	.....
1890.....	36,087,154	71,970,763	26,431,369	.....	.....	.....	.....
1891.....	39,916,897	76,204,515	25,581,861	.....	.....	.....	.....

Estimated Farm Value of Cereal Crops, basis of December prices:

YEARS.	Wheat.	Corn.	Oats.	Rye.	Barley.	Buckwheat.	Total.
1880.....	\$474,201,800	\$679,714,500	\$150,243,600	\$18,564,600	\$30,090,700	\$8,682,500	\$1,361,497,700
1881.....	456,800,400	759,482,200	193,190,000	19,327,400	33,862,500	8,205,700	1,470,957,200
1882.....	445,602,100	783,867,200	182,978,000	18,439,200	30,768,000	8,038,900	1,469,693,400
1883.....	383,649,300	658,051,500	187,040,200	16,300,500	29,420,400	6,304,000	1,280,765,900
1884.....	330,862,300	640,735,500	161,528,500	14,857,000	29,779,200	6,549,000	1,184,311,500
1885.....	275,320,400	635,674,600	179,631,800	12,594,800	32,867,700	7,057,400	1,143,146,700
1886.....	314,226,000	610,311,000	186,137,900	13,181,300	31,840,500	6,465,100	1,162,161,800
1887.....	310,612,900	646,106,800	200,699,800	11,283,100	29,464,400	6,122,300	1,204,289,300
1888.....	385,248,000	677,561,600	195,424,200	16,721,900	37,672,000	7,627,000	1,320,255,300
1889.....	342,491,700	597,918,800	171,781,000	.....	.....	.....	.....
1890.....	334,773,678	751,433,451	222,048,486	.....	.....	.....	.....
1891.....	513,472,711	836,439,228	232,312,267	.....	.....	.....	.....

PRICES OF FLOUR.

Quotations for Winter Family, Extra and Superfine, and Spring Family Flour, at Cincinnati, on Tuesday of each week, in two years:

DATES.	FAMILY.		EXTRA.		SUPERFINE.		SPRING FAMILY.	
	1890-91	1889-90	1890-91	1889-90	1890-91	1889-90	1890-91	1889-90
September 2....	\$1 00@4 35	\$3 15@3 40	\$3 35@3 65	\$2 50@2 75	\$2 60@2 90	\$2 25@2 40	\$4 60@4 85	\$3 75@3 90
9....	3 90@4 15	3 15@3 40	3 35@3 65	2 50@2 75	2 60@2 90	2 25@2 40	4 60@4 85	3 75@3 90
16....	3 90@4 15	3 00@3 25	3 35@3 65	2 50@2 75	2 60@2 90	2 25@2 40	4 60@4 85	3 75@3 90
23....	3 90@4 15	3 00@3 25	3 35@3 65	2 50@2 75	2 60@2 90	2 25@2 40	4 60@4 85	3 75@3 90
30....	3 90@4 15	3 15@3 45	3 30@3 65	2 60@3 90	2 60@2 90	2 35@2 55	4 60@4 85	3 75@3 90
October 7....	3 90@4 15	3 20@3 50	3 30@3 65	2 60@3 90	2 60@2 90	2 35@2 55	4 60@4 85	3 75@3 90
14....	3 90@4 25	3 20@3 50	3 25@3 50	2 60@3 90	2 40@3 00	2 35@2 55	4 60@4 85	3 75@3 90
21....	3 80@4 10	3 20@3 50	3 10@3 40	2 60@2 90	2 40@3 00	2 35@2 55	4 50@4 75	3 75@3 90
28....	3 80@4 10	3 10@3 40	3 25@3 60	2 60@2 90	2 40@3 00	2 35@2 55	4 50@4 75	3 55@3 75
November 4....	3 80@4 10	3 10@3 40	3 25@3 60	2 60@2 90	2 40@3 00	2 00@2 60	4 50@4 75	3 55@3 75
11....	3 80@4 10	3 10@3 40	3 25@3 60	2 60@2 90	2 40@3 00	2 00@2 60	4 50@4 75	3 55@3 75
18....	3 60@3 90	3 10@3 40	3 10@3 30	2 60@2 90	2 40@2 90	2 00@2 60	4 40@4 60	3 55@3 75
25....	3 50@3 90	3 00@3 40	3 00@3 40	2 60@2 90	2 25@2 75	2 00@2 50	4 35@4 50	3 55@3 75
December 2....	3 50@3 90	3 00@3 40	3 00@3 40	2 60@2 90	2 25@2 75	2 00@2 50	4 35@4 50	3 55@3 75
9....	3 50@3 90	3 00@3 40	3 00@3 40	2 60@2 90	2 25@2 75	2 00@2 50	4 35@4 50	3 55@3 75
16....	3 80@4 15	3 00@3 40	3 40@3 60	2 60@2 90	2 75@3 25	2 00@2 50	4 35@4 50	3 55@3 75
23....	3 85@4 05	3 00@3 40	3 40@3 60	2 60@2 90	2 75@3 00	2 00@2 50	4 35@4 50	3 55@3 75
30....	3 85@4 05	2 80@3 00	3 40@3 60	2 50@2 80	2 75@3 00	2 00@2 50	4 35@4 50	3 55@3 75
January 6....	3 85@4 00	2 80@3 05	3 40@3 75	2 50@2 80	2 75@3 25	2 00@2 50	4 35@4 50	3 55@3 75
13....	3 85@4 00	2 80@3 05	3 40@3 75	2 50@2 80	2 75@3 25	2 00@2 50	4 15@4 40	3 50@3 70
20....	3 85@4 00	2 80@3 05	3 40@3 70	2 50@2 80	2 75@3 25	2 00@2 50	4 10@4 30	3 50@3 70
27....	3 85@4 00	2 80@3 05	3 40@3 70	2 50@2 80	2 75@3 25	2 00@2 50	4 10@4 25	3 50@3 70
February 3....	3 90@4 00	2 90@3 20	3 45@3 70	2 50@2 75	2 75@3 25	2 00@2 40	4 15@4 35	3 45@3 65
10....	3 85@4 00	2 90@3 20	3 50@3 75	2 50@2 75	2 75@3 30	2 00@2 40	4 10@4 25	3 45@3 65
17....	3 85@4 00	2 90@3 20	3 50@3 75	2 50@2 75	2 75@3 30	2 00@2 40	4 10@4 25	3 45@3 65
24....	3 85@4 00	2 90@3 20	3 50@3 75	2 50@2 75	2 75@3 30	2 00@2 40	4 10@4 25	3 40@3 60
March 3....	3 85@4 00	2 90@3 20	3 50@3 75	2 50@2 75	2 75@3 30	2 00@2 40	4 10@4 25	3 40@3 60
10....	3 85@4 00	2 90@3 20	3 50@3 75	2 50@2 75	2 75@3 30	2 00@2 40	4 25@4 40	3 40@3 60
17....	3 90@4 10	2 90@3 15	3 60@3 75	2 50@2 75	3 00@3 40	2 10@2 40	4 25@4 40	3 50@3 70
24....	4 00@4 15	2 90@3 15	3 65@3 85	2 50@2 75	3 00@3 50	2 10@2 40	4 35@4 50	3 50@3 70
31....	3 95@4 10	2 90@3 15	3 65@3 80	2 50@2 75	3 00@3 50	2 10@2 40	4 40@4 65	3 50@3 70
April 7....	4 15@4 35	2 90@3 15	3 70@3 90	2 60@2 85	3 00@3 50	2 00@2 40	4 40@4 65	3 50@3 70
14....	4 25@4 45	3 10@3 35	3 70@3 95	2 65@2 90	3 00@3 50	2 10@2 50	4 65@4 90	3 75@4 00
21....	4 25@4 65	3 25@3 50	4 00@4 25	2 80@3 00	3 40@3 80	2 25@2 60	4 90@5 10	3 85@4 00
28....	4 45@4 60	3 55@3 50	3 95@4 20	2 80@3 00	3 35@3 60	2 25@2 60	4 95@5 20	3 85@4 00
May 5....	4 35@4 50	3 40@3 75	4 00@4 15	3 00@3 15	3 40@3 65	2 25@2 65	5 00@5 25	3 95@4 15
12....	4 25@4 50	3 50@3 75	4 00@4 15	3 00@3 25	3 40@3 65	2 40@2 75	4 75@5 00	4 00@4 25
19....	4 25@4 40	3 50@3 75	4 00@4 15	3 00@3 25	3 40@3 65	2 40@2 75	4 75@5 00	4 00@4 25
26....	4 15@4 35	3 50@3 75	3 90@4 15	2 75@3 15	3 30@3 60	2 25@2 65	4 60@4 90	4 00@4 25
June 2....	4 15@4 35	3 50@3 75	3 90@4 15	2 75@3 15	3 30@3 60	2 25@2 65	4 60@4 90	4 00@4 25
9....	4 15@4 35	3 40@3 65	3 90@4 10	2 70@3 15	3 30@3 60	2 25@2 65	4 60@4 90	4 00@4 25
16....	4 15@4 35	3 15@3 40	3 90@4 10	2 50@2 90	3 25@3 50	2 15@2 40	4 75@4 90	3 90@4 15
23....	4 15@4 35	3 15@3 40	3 90@4 10	2 50@2 90	3 25@3 50	2 15@2 40	4 75@4 90	3 90@4 15
30....	4 20@4 35	3 15@3 35	3 90@4 10	2 50@2 90	3 25@3 50	2 15@2 40	4 65@4 85	3 80@4 10
July 7....	4 15@4 25	3 15@3 35	3 90@4 10	2 50@2 90	3 25@3 50	2 15@2 40	4 65@4 85	3 80@4 10
14....	4 15@4 25	3 10@3 25	3 90@4 10	2 50@2 90	3 25@3 50	2 15@2 40	4 65@4 85	3 80@4 10
21....	3 85@4 00	3 25@3 50	3 65@3 75	2 60@2 90	3 15@3 40	2 10@2 50	4 65@4 85	3 85@4 00
28....	3 75@3 90	3 75@3 90	3 50@3 60	2 85@3 15	3 20@3 30	2 30@2 70	4 65@4 75	4 25@4 45
August 4....	3 55@3 75	3 75@4 00	3 25@3 40	3 00@3 25	2 85@3 00	2 40@2 75	4 65@4 75	4 25@4 45
11....	3 55@3 75	4 00@4 25	3 25@3 40	3 25@3 40	2 85@3 00	2 50@2 75	4 65@4 75	4 25@4 45
18....	4 00@4 25	4 00@4 35	3 70@3 85	3 35@3 65	3 25@3 60	2 60@2 90	4 75@5 00	4 40@4 75
25....	4 00@4 10	4 00@4 35	3 70@3 85	3 35@3 65	3 25@3 40	2 60@2 90	4 75@5 00	4 40@4 75

* No session of the Chamber. Quotations of the following day.

Monthly movement of Flour, representing barrels, in 1890-91:

MONTHS.	Receipts.	Shipm'ts.	MONTHS.	Receipts.	Shipm'ts.	MONTHS.	Receipts.	Shipm'ts.
September.....	113,859	85,949	January.....	176,981	152,342	May.....	114,865	101,677
October.....	114,910	89,471	February.....	146,920	126,547	June.....	83,054	67,373
November.....	106,906	95,657	March.....	188,316	160,152	July.....	107,366	70,701
December.....	180,021	149,877	April.....	166,125	143,579	August.....	213,152	186,748

YEARLY PRICES OF FLOUR.

Average yearly price of Family, Extra and Superfine grades of Winter Wheat Flour, and Family grade of Spring Wheat Flour; also, lowest and highest range of prices yearly of Winter Family grade, per barrel, at Cincinnati, for years indicated:

YEARS.	AVERAGE ANNUAL PRICES.				WINTER FAMILY.	
	Winter Family.	Winter Extra.	Winter Superfine.	Spring Family.	Lowest.	Highest.
1871-72.....	\$7 37	\$7 14	\$6 06	....	\$5 50@5 75	\$9 25@9 50
1872-73.....	7 46	7 15	5 56	....	6 15@6 25	8 25@8 50
1873-74.....	6 60	6 25	5 06	....	5 15@5 30	7 25@7 50
1874-75.....	5 43	5 18	4 42	....	4 85@5 00	7 50@7 85
1875-76.....	5 52	4 65	3 90	\$5 63	4 75@5 25	6 40@6 85
1876-77.....	6 95	6 39	5 47	6 96	5 00@5 25	9 45@9 65
1877-78.....	5 39	4 86	3 91	5 45	4 40@4 75	6 25@6 40
1878-79.....	4 60	4 07	3 30	4 69	4 00@4 25	5 25@5 50
1879-80.....	5 52	4 85	4 11	5 77	4 40@4 85	6 25@6 50
1880-81.....	5 16	4 51	3 80	5 41	4 25@4 65	6 85@7 10
1881-82.....	6 18	5 56	4 82	6 95	4 50@5 25	7 25@7 40
1882-83.....	4 76	4 06	3 46	5 56	4 10@4 40	5 15@5 40
1883-84.....	4 64	3 58	3 09	5 14	3 60@4 00	4 85@5 15
1884-85.....	3 88	3 23	2 90	4 26	3 00@3 50	4 50@4 90
1885-86.....	4 05	3 33	2 89	4 10	3 25@3 60	4 50@4 75
1886-87.....	3 46	2 97	2 65	3 70	3 00@3 30	3 75@4 00
1887-88.....	3 52	3 03	2 69	3 88	3 00@3 30	3 85@4 15
1888-89.....	4 03	3 45	2 90	4 49	3 15@3 40	4 90@5 25
1889-90.....	3 29	2 79	2 34	3 84	2 80@3 00	4 00@4 35
1890-91.....	4 04	3 64	3 06	4 60	3 50@3 75	4 50@4 65

MONTHLY PRICES OF MILL FEED.

Lowest and highest monthly prices of Bran, Coarse Middlings, Fine Middlings and Shipstuff, per ton, at Cincinnati, during the year 1890-91:

MONTHS.	BRAN.		COARSE MIDDINGS.		FINE MIDDINGS.		SHIPSTUFF.	
	Lowest.	Highest.	Lowest.	Highest.	Lowest.	Highest.	Lowest.	Highest.
September	\$13 00@13 50	\$15 00	\$15 00@17 00	\$15 50@15 75	\$17 50@19 00	\$17 50@19 00	\$13 00@13 50	\$15 00@16 00
October	13 00@13 50	16 00@16 75	15 00@17 00	16 00@17 50	17 50@19 00	18 00@19 00	13 00@13 50	16 00@16 75
November	16 00@16 75	17 00@17 50	16 00@17 00	17 00@17 50	18 00@19 00	18 00@20 00	16 00@16 75	17 00@17 50
December	17 00@17 50	19 00@19 50	17 00@17 50	19 00@19 50	19 50@20 50	18 00@20 00	17 00@17 50	19 00@19 50
January	18 50@19 00	19 50@19 75	18 50@19 00	19 50@19 75	19 50@20 00	20 50@21 50	18 50@19 00	19 50@19 75
February	19 50@19 75	19 50@20 50	19 50@19 75	19 50@20 00	20 00@21 00	20 00@21 00	19 50@19 75	19 50@20 50
March	19 50@20 00	20 50@21 00	19 50@20 00	20 50@21 00	21 00@21 50	20 00@21 00	19 00@19 50	19 50@20 25
April	19 00@19 50	21 50@22 00	20 00@21 00	22 00@23 00	21 00@21 50	23 00@24 00	19 00@19 50	21 50@22 00
May	14 00@14 50	18 50@19 00	16 00@18 00	19 00@20 00	18 00@20 00	20 00@22 00	19 00@19 50	16 00@17 00
June	14 00@14 50	15 00	16 00@18 00	18 00@19 00	18 00@20 00	19 00@20 00	16 00@18 00	15 00@17 00
July	11 50@11 75	14 50@14 75	15 00@16 00	18 00@19 00	16 00@17 00	19 00@20 00	11 50@11 75	15 00@17 00
August	11 50@11 75	13 50@14 00	15 00@16 00	18 00@19 00	16 00@17 00	19 00@20 00	11 50@11 75	13 50@14 00

PRICES OF BRAN AND MIDLINGS.

Quotations for Bran and for Middlings (fine), per ton, at Cincinnati, on Tuesday of each week, in three years:

BRAN.				MIDLINGS.			
DATES.	1890-91	1889-90	1888-89	DATES.	1890-91	1889-90	1888-89
September 2..	\$15 00	\$9 50@ 9 75	\$13 50@14 00	September 2..	\$17 50@19 00	\$11 00@12 00	\$15 50@18 50
9..	14 50@15 00	9 50@ 9 75	14 25@14 50	9..	17 50@19 00	11 00@12 00	15 50@18 50
16..	14 00@14 50	9 50@ 9 75	14 00@14 25	16..	17 50@19 00	11 00@12 00	15 50@18 50
23..	13 00@13 50	9 75@10 00	13 50@14 00	23..	17 50@19 00	11 00@12 00	15 50@18 50
30..	13 00@13 50	10 00@10 25	13 50@14 00	30..	17 50@19 00	11 00@12 00	15 50@18 50
October 7..	13 00@13 50	10 00@10 25	13 50@13 75	October 7..	17 50@19 00	11 00@12 00	15 50@18 50
14..	14 50@15 00	10 00@10 25	13 50@13 75	14..	17 50@19 00	11 00@12 00	15 50@18 50
21..	14 50@15 00	10 00@10 25	13 50@14 00	21..	17 50@19 00	11 00@12 00	15 50@18 50
28..	15 00@16 00	10 00@10 25	13 50@14 00	28..	18 00@19 00	11 00@12 00	15 50@18 50
November 4..	16 00@16 75	10 00@10 25	13 00@13 50	November 4..	18 00@19 00	11 00@12 00	15 00@16 00
11..	16 00@16 75	10 00@10 25	13 00@13 50	11..	18 00@19 00	11 00@12 00	15 00@16 00
18..	16 75@17 25	10 00@10 25	13 00@13 50	18..	18 00@20 00	11 00@12 00	15 00@16 00
25..	17 00@17 50	9 75@10 00	12 75@13 25	25..	18 00@20 00	11 00@12 00	15 00@16 00
December 2..	17 00@17 50	9 75@10 00	12 75@13 25	December 2..	18 00@20 00	11 00@12 00	15 00@16 00
9..	17 50@18 00	9 75@10 00	13 50@14 00	9..	18 50@20 50	11 00@12 00	15 00@16 00
16..	18 50@19 00	9 75@10 00	13 50@14 00	16..	19 00@20 50	11 00@12 00	15 00@16 00
23..	18 50@19 00	9 50@ 9 75	13 75@14 00	23..	19 00@20 50	11 00@12 00	15 00@16 00
30..	18 50@19 00	9 50@ 9 75	13 75@14 00	30..	19 50@20 50	11 00@12 00	15 00@16 00
January 6..	19 00@19 25	9 50@10 00	13 50@14 00	January 6..	20 00@21 00	11 00@12 00	15 00@16 00
13..	19 50@19 75	9 50@10 00	13 50@13 75	13..	20 00@21 00	11 00@12 00	14 00@16 00
20..	19 50@19 75	9 50@10 00	13 50@13 75	20..	20 00@21 00	11 00@12 00	14 00@16 00
27..	19 50@19 75	9 50@10 00	13 50@13 75	27..	20 00@21 00	11 00@12 00	13 50@15 00
February 3..	19 50@19 75	9 50@10 00	13 50@13 75	February 3..	20 00@21 00	11 00@12 00	13 50@15 00
10..	19 50@19 75	9 50@10 00	13 50@13 75	10..	20 00@21 00	11 00@12 00	13 50@15 00
17..	19 50@20 50	10 00@10 50	12 50@13 00	17..	20 00@21 00	11 00@12 00	13 00@14 50
24..	19 50@20 50	10 00@10 50	12 50@13 00	24..	20 00@21 00	11 00@12 00	13 00@14 50
March 3..	19 50@20 50	10 50@11 00	12 50@12 75	March 3..	20 00@21 00	11 00@12 50	13 00@14 50
10..	19 50@20 50	10 50@11 00	12 50@12 75	10..	20 00@21 00	11 00@12 50	13 00@14 50
17..	20 00@20 50	11 50@11 75	11 75@12 25	17..	21 00@21 50	12 50@13 00	13 00@14 50
24..	20 00@20 50	13 25@13 50	10 50@11 00	24..	21 00@21 50	13 00@14 00	12 00@13 50
April 31..	20 50@21 00	13 25@13 50	10 00@10 50	31..	21 00@21 50	14 00@14 50	12 00@13 50
7..	21 50@22 00	13 25@13 50	10 00@10 50	7..	22 50@23 00	14 00@14 50	12 00@13 50
14..	20 50@21 00	13 50@13 75	10 50@11 00	14..	23 00@24 00	14 00@14 50	11 50@12 50
21..	20 00@20 50	13 50@13 75	10 50@11 00	21..	22 00@22 50	11 00@14 50	11 50@12 50
28..	20 00@20 50	13 00@13 50	10 50@11 00	28..	22 00@22 50	14 00@14 50	11 50@12 50
May 5..	17 50@18 00	13 00@13 50	11 00	May 5..	20 00@21 00	14 00@14 50	11 50@12 50
12..	15 00@15 50	13 00@13 50	11 00@11 50	12..	20 00@21 00	14 00@14 50	11 50@12 50
19..	14 00@14 50	13 00@13 25	11 00@11 50	19..	19 00@20 00	14 00@14 50	11 50@12 50
26..	14 00@14 50	12 50	11 00@11 50	26..	18 00@20 00	13 50@14 00	11 50@12 50
June 2..	11 50@15 00	11 00@11 50	10 75@11 00	June 2..	18 00@20 00	12 00@14 00	11 50@12 50
9..	15 00	10 50@11 00	10 00@10 50	9..	19 00@20 00	12 00@14 00	11 00@12 00
16..	14 50@15 00	10 00@10 50	10 00@10 50	16..	19 00@20 00	12 00@14 00	11 00@12 00
23..	14 50@15 00	9 50@10 00	10 00@10 50	23..	19 00@20 00	12 00@11 00	11 00@12 00
30..	14 50@14 75	9 75@10 25	10 00@10 25	30..	19 00@20 00	12 00@13 00	11 00@12 00
July 7..	14 00@14 25	11 00	10 00@10 25	July 7..	18 00@20 00	12 00@13 50	11 00@12 00
14..	13 25@13 50	11 00@11 50	10 00@10 25	14..	17 50@18 00	12 00@13 50	11 00@12 00
21..	13 00@13 50	12 50@13 00	10 00@10 25	21..	16 00@17 00	13 00@15 00	11 00@12 00
28..	11 50@11 75	13 00@13 50	10 00@10 25	28..	16 00@17 00	13 00@15 00	11 00@12 00
August 4..	11 50@11 75	13 50@14 00	9 75@10 00	August 4..	16 00@17 00	16 00@17 00	11 00@12 00
11..	12 00@12 25	13 75@14 00	9 50@10 00	11..	18 50@19 50	16 00@17 00	11 00@12 00
18..	12 50@13 00	15 00	9 50@10 00	18..	19 00@20 00	17 50@19 00	11 00@12 00
25..	13 00@13 50	15 00	9 50@ 9 75	25..	19 00@20 00	17 50@19 00	11 00@12 00

* No session of the Chamber Quotations of the following day.

Monthly prices of Coarse Middlings and Shipstuff, as follows:

MONTHS.	Coarse Middlings.	Shipstuff.	MONTHS.	Coarse Middlings.	Shipstuff.	MONTHS.	Coarse Middlings.	Shipstuff.
September....	15 00@17 50	13 00@16 00	January.....	19 00@19 75	19 00@19 75	May	16 00@20 00	16 00@19 00
October.....	15 00@17 50	13 00@16 00	February....	19 50@20 00	19 50@20 50	June	16 00@19 00	15 00@18 00
November....	16 00@17 50	16 00@17 50	March.....	19 50@21 00	19 50@21 00	July	15 00@18 00	11 50@14 00
December....	17 00@19 00	17 00@19 00	April.....	21 50@23 00	20 00@22 00	August	15 00@19 00	11 50@13 50

NOTE.—Average for the year, Coarse Middlings, \$18 25; Shipstuff, \$17 00.

PRICES OF MESS PORK AND MEATS.

Quotations for Mess Pork, per barrel, and Dry Salted Meats and Bacon, per pound, on Tuesday of each week, at Cincinnati, during the provision trade year, ending October 31, 1891:

DATES.	MESS PORK.	D. S. MEATS.			BACON.		
		Shoulders.	Short Rib Sides.	Short Clear Sides.	Shoulders.	Short Rib Sides.	Short Clear Sides.
November 4...	\$10 30	5 @5 1/2	5 1/2	5.7 @5 3/4	6 @6 1/4	6 1/4	6.4 @6 1/4
11...	10 25 @10 50	5 @5 1/2	5 1/2 @5 1/2	5.65 @5 1/2	6 @6 1/4	6 1/4 @6.15	6.3 @6 1/4
18...	10 00 @10 12 1/2	5 @5 1/2	5 1/2 @5 1/2	5 1/2 @5.4	5 1/2 @5 3/4	6 @6 1/4	6 1/4 @6.3
25...	9 50 @9 75	4 3/4 @4 1/2	5 3/4 @5.4	5 1/2 @5.6	5 1/2 @5 3/4	6 @6 1/4	6 1/4 @6.3
December 2...	9 25 @9 50	4 1/2 @4 1/2	5 1/4 @5.3	5 1/2 @5 1/2	5 1/2 @5 3/4	6 @6.1	6 1/4 @6.3
9...	9 25 @9 30	4 1/2 @4 1/2	5 1/2 @5.15	5 1/2 @5.4	5 1/2 @5 3/4	6 @6.05	6 1/4 @6.3
16...	9 75 @10 00	3 3/4 @3 3/4	5 @5.1	5 1/2 @5.15	5 1/2 @5 3/4	6 @6.15	6 1/4 @6.3
23...	9 00 @9 50	3 3/4 @3 3/4	4 3/4 @4 1/2	4 3/4 @5	5 1/2 @5.35	5 1/2 @5.65	5 1/2 @5.8
30...	10 00 @10 12 1/2	4 @4 1/2	5 @5.1	5 1/2 @5.15	5 @5 1/2	5 1/2 @5.8	5 1/2 @5.9
January 6...	10 00 @10 25	4 1/2 @4 1/2	5 @5 1/2	5 1/2 @5.15	4 3/4 @4 1/2	5 1/2 @5.55	5 1/2 @5.8
13...	10 00 @10 12 1/2	4 @4 1/2	5 @5.05	5.1 @5.15	4 3/4 @4 1/2	5 1/2 @5.55	5 1/2 @5.8
20...	10 00 @10 12 1/2	4 @4 1/2	5 @5 1/2	5 1/2 @5.15	4 3/4 @4 1/2	5 1/2 @5.55	5 1/2 @5.8
27...	10 00 @10 12 1/2	4 @4 1/2	4 1/2 @4.9	5 @5 1/2	4 3/4 @4 1/2	5 1/2 @5.55	5 1/2 @5.8
February 3...	10 00 @10 12 1/2	4 @4 1/2	4 1/2 @4.9	4.95 @5	4 3/4 @4 1/2	5 1/2 @5.55	5 1/2 @5.8
10...	9 87 1/2 @10 00	3 3/4 @3 3/4	4 3/4 @4.65	4 3/4 @4 1/2	4 3/4 @4 1/2	5 1/2 @5.55	5 1/2 @5.8
17...	9 62 1/2 @9 75	3 3/4 @3 3/4	4 1/2 @4.55	4 3/4 @4.4	4 3/4 @4 1/2	5 1/2 @5.55	5 1/2 @5.8
24...	9 87 1/2 @10 00	3 3/4 @3 3/4	4 3/4 @4.65	4 3/4 @4.8	4 3/4 @4 1/2	5 1/2 @5.55	5 1/2 @5.8
March 3...	10 12 1/2 @10 25	4 @4 1/2	4 3/4 @4.8	4 3/4 @4.9	4 3/4 @4 1/2	5 1/2 @5.55	5 1/2 @5.8
10...	10 00 @10 12 1/2	4 @4 1/2	4.9 @4.95	5 @5.05	4 3/4 @4 1/2	5 1/2 @5.55	5 1/2 @5.8
17...	10 75 @10 87 1/2	4 1/2 @4 1/2	5.45 @5 1/2	5 1/2 @5.65	4 3/4 @4 1/2	5 1/2 @5.8	6 @6.1
24...	12 12 1/2 @12 25	4 1/2 @4 1/2	6 1/2 @6.15	6 1/4 @6.35	5 1/2 @5 3/4	6 1/4 @6.5	6 1/4 @6.7
31...	12 25 @12 37 1/2	5 @5 1/2	6 1/4 @6 1/2	6 1/2 @6 1/2	5 1/2 @5 3/4	6 1/4 @6.5	6 1/4 @6.7
April 7...	12 25 @12 37 1/2	5 1/4 @5 1/2	6 1/4 @6.15	6 1/2 @6.3	5 1/2 @5 3/4	6 1/4 @6.5	6 1/4 @6.7
14...	12 25 @12 37 1/2	5 @5 1/2	6 1/2 @6.4	6 1/2 @6.3	5 1/2 @5 3/4	6 1/4 @6.5	6 1/4 @6.7
21...	12 75 @12 87 1/2	5 @5 1/2	6 1/2 @6.65	6 1/2 @6.8	5 1/2 @5 3/4	6 1/4 @6.5	6 1/4 @6.7
28...	12 62 1/2 @12 75	5 @5 1/2	6 1/2 @6 1/2	6 1/2 @6.7	5 1/2 @5 3/4	6 1/4 @6.5	6 1/4 @6.7
May 5...	12 25 @12 37 1/2	4 3/4 @4 1/2	6 1/2 @6 1/2	6 1/2 @6.3	5 1/2 @5 3/4	6 1/4 @6.5	6 1/4 @6.7
12...	11 75 @11 87 1/2	4 3/4 @4 1/2	6 1/2 @6.15	6 1/2 @6.4	6 @6 1/2	6 1/4 @6.5	6 1/4 @6.7
19...	11 25 @11 37 1/2	5 @5 1/2	6 1/2 @6.15	6 1/2 @6.4	5 1/2 @5 3/4	6 1/4 @6.5	6 1/4 @6.7
26...	11 00 @11 12 1/2	5 @5 1/2	6 1/2 @6.15	6 1/2 @6.3	5 1/2 @5 3/4	6 1/4 @6.5	6 1/4 @6.7
June 2...	11 00 @11 12 1/2	5	6 1/2	6 1/2	5 1/2 @5 3/4	6 1/4 @6.5	6 1/4 @6.7
9...	10 75 @10 87 1/2	5 @5 1/2	6 @6.05	6.2 @6 1/4	5 1/2 @5 3/4	6 1/4 @6.55	6 1/4 @6.8
16...	10 62 1/2 @10 75	5 @5 1/2	6 1/2 @6.15	6 1/2 @6.3	6 @6 1/2	6 1/4 @6.55	6 1/4 @6.8
23...	10 75 @10 87 1/2	4 3/4 @4 1/2	6 @6.05	6.2 @6 1/4	5 1/2 @5 3/4	6 1/4 @6.55	6 1/4 @6.8
30...	10 37 1/2 @10 50	5	6 1/2 @6.15	6 1/4 @6 1/2	5 1/2 @5 3/4	6 1/4 @6.55	6 1/4 @6.8
July 7...	10 50 @10 75	5 @5 1/2	6 1/2	6 1/2	5 1/2 @5 3/4	6 1/4 @6.55	6 1/4 @6.8
14...	10 62 1/2 @10 75	5 @5 1/2	6 1/2 @6 1/2	6 1/2 @6 1/2	6	6 1/4 @6.55	6 1/4 @6.8
21...	11 12 1/2 @11 25	5 @5 1/2	6 1/2 @6 1/2	7 1/2 @7.15	6 @6 1/2	7 1/4 @7.3	7 1/4 @7.5
28...	11 25 @11 37 1/2	5 1/2	7 1/2	7 1/2 @7.4	6 @6 1/2	7 1/4 @7.3	7 1/4 @7.5
August 4...	11 25 @11 37 1/2	5 1/2 @5 1/2	7 1/2	7 1/2	5 1/2 @5 3/4	6 1/4 @6.55	6 1/4 @6.8
11...	11 00 @11 12 1/2	5 1/2 @5 1/2	6 1/2 @6 1/2	7 1/2 @7.15	6 @6 1/2	7 1/4 @7.3	7 1/4 @7.5
18...	10 50 @10 62 1/2	5 @5 1/2	7 1/2	7 1/2 @7.3	6 @6 1/2	7 1/4 @7.3	7 1/4 @7.5
25...	10 37 1/2 @10 50	5 1/2 @5 1/2	6 1/2 @6.8	7 1/2 @7.05	6 @6 1/2	7 1/4 @7.3	7 1/4 @7.5
September 1...	10 62 1/2 @10 75	5 1/2	7 1/2	7 1/2	6	7 1/4 @7.3	7 1/4 @7.5
8...	10 75	5 1/2	7 1/2	7 1/2	6	8 @8 1/2	8 1/4 @8 1/2
15...	10 75 @10 87 1/2	5 1/2	7 1/2	7 1/2	6 1/2	8 1/4	8 1/4 @8 1/2
22...	10 50 @10 62 1/2	5 1/2 @5 1/2	7 1/2 @7 3/4	7 1/2 @7.6	6 @6 1/2	8 1/4	8 1/4 @8 1/2
29...	10 50 @10 62 1/2	5 1/2	7 1/2	7 1/2	6	8 1/4	8 1/4 @8 1/2
October 6...	10 75 @10 87 1/2	5 1/2 @5 1/2	7 1/2	8	6 1/2	8 1/4	8 1/4 @8 1/2
13...	10 12 1/2 @10 37 1/2	5 @5 1/2	7 1/2	7 1/2	6 @6 1/2	7 1/2 @7.8	8 1/4 @8 1/2
20...	9 25 @9 37 1/2	5 @5 1/2	6 1/2 @6.9	7 1/2 @7.4	5 1/2 @5 3/4	7 1/2 @7.8	8 1/4 @8 1/2
27...	9 00 @9 12 1/2	4 3/4 @4 1/2	6 1/2 @6 1/2	7 @7 1/2	5 1/2 @5 3/4	7 1/2 @7.8	7 1/2 @7.8

PRICES OF MESS PORK AND MEATS.

Quotations for Mess Pork, per barrel, and Dry Salted Meats and Bacon, per pound, on Tuesday of each week, at Cincinnati, during the provision trade year, ending October 31, 1890:

DATES.	MESS PORK.	D. S. MEATS.			BACON.		
		Shoulders.	Short Rib Sides.	Short Clear Sides.	Shoulders.	Short Rib Sides.	Short Clear Sides.
November 5....	\$10 00	4 @ 41 $\frac{1}{2}$	5.6	5 $\frac{1}{2}$	4 $\frac{1}{2}$ @5	6 $\frac{1}{2}$ @6 $\frac{1}{2}$	6 $\frac{1}{2}$ @6 $\frac{1}{2}$
12....	10 00	4 @ 41 $\frac{1}{2}$	5 $\frac{1}{2}$ @5 $\frac{1}{2}$	5 $\frac{1}{2}$ @5 $\frac{1}{2}$	4 $\frac{1}{2}$ @5	6 $\frac{1}{2}$ @6 $\frac{1}{2}$	6 $\frac{1}{2}$ @6 $\frac{1}{2}$
19....	10 00 @10 12 $\frac{1}{2}$	4 $\frac{1}{2}$ @41 $\frac{1}{2}$	5 $\frac{1}{2}$ @5 $\frac{1}{2}$	5 $\frac{1}{2}$ @5 $\frac{1}{2}$	4 $\frac{1}{2}$ @5 $\frac{1}{2}$	6 $\frac{1}{2}$ @6 $\frac{1}{2}$	6 $\frac{1}{2}$ @6.3
26....	10 00	4 @ 41 $\frac{1}{2}$	5 $\frac{1}{2}$ @5.15	5 $\frac{1}{2}$ @5.3	4 $\frac{1}{2}$ @5	6 $\frac{1}{2}$ @6.15	6 $\frac{1}{2}$ @6.3
December 3....	9 87 $\frac{1}{2}$ @10 00	4 @ 41 $\frac{1}{2}$	4 $\frac{1}{2}$ @4.95	5 @ 5.05	4 $\frac{1}{2}$ @4 $\frac{1}{2}$	6 @ 6 $\frac{1}{2}$	6 $\frac{1}{2}$ @6 $\frac{1}{2}$
10....	9 60 @ 9 75	3 $\frac{3}{4}$ @4	4 $\frac{1}{2}$ @5	5 @ 5.1	4 $\frac{1}{2}$ @4 $\frac{1}{2}$	6 $\frac{1}{2}$ @6.15	6 $\frac{1}{2}$ @6.55
17....	9 50 @ 9 60	3 $\frac{3}{4}$ @4	4 $\frac{1}{2}$ @5	5 @ 5.05	4 $\frac{1}{2}$ @4 $\frac{1}{2}$	6 @ 6.05	6 $\frac{1}{2}$ @6.3
24....	9 50 @ 9 60	3 $\frac{3}{4}$ @4	4 $\frac{1}{2}$ @4 $\frac{1}{2}$	4 $\frac{1}{2}$ @5	4 $\frac{1}{2}$ @4 $\frac{1}{2}$	6 @ 6.05	6 $\frac{1}{2}$ @6.3
31....	9 50 @ 9 60	3 $\frac{3}{4}$ @4	4 $\frac{1}{2}$ @4	4 $\frac{1}{2}$ @1.9	4 $\frac{1}{2}$ @4 $\frac{1}{2}$	5 $\frac{3}{4}$	6
January 7....	9 62 $\frac{1}{2}$	3 $\frac{3}{4}$ @3 $\frac{3}{4}$	4 $\frac{1}{2}$ @4.65	4 $\frac{1}{2}$ @1.8	4 $\frac{1}{2}$ @4 $\frac{1}{2}$	5 $\frac{3}{4}$ @5.65	5 $\frac{3}{4}$ @5.9
14....	9 75 @10 00	3 $\frac{3}{4}$ @4	4 $\frac{1}{2}$ @4 $\frac{1}{2}$	4 $\frac{1}{2}$ @5	4 $\frac{1}{2}$ @4 $\frac{1}{2}$	5 $\frac{3}{4}$ @5 $\frac{3}{4}$	5 $\frac{3}{4}$ @5 $\frac{3}{4}$
21....	10 37 $\frac{1}{2}$ @10 50	4 @ 41 $\frac{1}{2}$	4 $\frac{1}{2}$ @4.9	5 @ 5.15	4 $\frac{1}{2}$ @4 $\frac{1}{2}$	5.95@6	6 @ 6.05
28....	10 25 @10 37 $\frac{1}{2}$	3 $\frac{3}{4}$ @4	4 95@5	5 @ 5.1	4 $\frac{1}{2}$ @4 $\frac{1}{2}$	5 $\frac{3}{4}$ @5.8	6 @ 6.05
February 4....	10 25 @10 37 $\frac{1}{2}$	3 $\frac{3}{4}$ @4	4 95@5	5.05@5.1	4 $\frac{1}{2}$ @4 $\frac{1}{2}$	5.7 @ 5 $\frac{3}{4}$	5.9 @ 6
11....	10 25 @10 37 $\frac{1}{2}$	3 $\frac{3}{4}$ @4	4.9 @ 5	5 @ 5.1	4 $\frac{1}{2}$ @4 $\frac{1}{2}$	5.7 @ 5 $\frac{3}{4}$	5.9 @ 6
18....	10 25 @10 37 $\frac{1}{2}$	3 $\frac{3}{4}$ @4	4 85@4.9	4 95@5	4 $\frac{1}{2}$ @4 $\frac{1}{2}$	5 $\frac{3}{4}$ @5.4	5 $\frac{3}{4}$ @5.8
25....	10 25 @10 37 $\frac{1}{2}$	4 @ 41 $\frac{1}{2}$	4.8 @ 4.9	4 95@5	4 @ 41 $\frac{1}{2}$	5 $\frac{3}{4}$ @5.55	5 $\frac{3}{4}$ @5.8
March 4....	10 25 @10 37 $\frac{1}{2}$	4 @ 41 $\frac{1}{2}$	4 95@5	5.1 @ 5.15	4 $\frac{1}{2}$ @4 $\frac{1}{2}$	5 $\frac{3}{4}$ @5.55	5 $\frac{3}{4}$ @5.8
11....	10 25	4 $\frac{1}{2}$	5 @ 5.05	5.15@5.2	4 $\frac{1}{2}$ @4 $\frac{1}{2}$	5 $\frac{3}{4}$ @5.55	5 $\frac{3}{4}$ @5.8
18....	10 62 $\frac{1}{2}$	4 $\frac{1}{2}$ @41 $\frac{1}{2}$	5.1 @ 5.1	5.2 @ 5.1	4 $\frac{1}{2}$ @4 $\frac{1}{2}$	5 $\frac{3}{4}$ @5.4	5 $\frac{3}{4}$ @6
25....	10 62 $\frac{1}{2}$	4 $\frac{1}{2}$ @41 $\frac{1}{2}$	5.1 @ 5.3	5.35@5.4	4 $\frac{1}{2}$ @4 $\frac{1}{2}$	5 $\frac{3}{4}$ @5.55	5 $\frac{3}{4}$ @6.05
April 1....	11 00 @11 12 $\frac{1}{2}$	4 $\frac{1}{2}$ @41 $\frac{1}{2}$	5.1 @ 5.3	5 $\frac{3}{4}$ @5.4	5 @ 5.1	5 $\frac{3}{4}$ @5.9	6 @ 6.05
8....	11 00 @11 12 $\frac{1}{2}$	4 $\frac{1}{2}$ @41 $\frac{1}{2}$	5.2 @ 5.1	5.35@5.4	4 $\frac{1}{2}$ @4 $\frac{1}{2}$	5 $\frac{3}{4}$ @5.65	5 $\frac{3}{4}$ @6.05
15....	13 50	5 $\frac{1}{2}$	5 $\frac{1}{2}$	5 $\frac{3}{4}$	5 $\frac{1}{2}$ @5 $\frac{1}{2}$	6 $\frac{1}{2}$	6 $\frac{1}{2}$
22....	13 25 @13 50	5 $\frac{1}{2}$	5 $\frac{1}{2}$	5 $\frac{3}{4}$	5 $\frac{1}{2}$ @5 $\frac{1}{2}$	6 $\frac{1}{2}$	6 $\frac{1}{2}$
29....	13 25 @13 37 $\frac{1}{2}$	4 $\frac{1}{2}$ @5	5 $\frac{1}{2}$ @5.55	5.7 @ 5 $\frac{3}{4}$	5 $\frac{1}{2}$ @5 $\frac{1}{2}$	6 $\frac{1}{2}$ @6.15	6 $\frac{1}{2}$ @6.35
May 6....	13 25 @13 37 $\frac{1}{2}$	5 @ 5.1 $\frac{1}{2}$	5 $\frac{1}{2}$ @5.4	5.7 @ 5 $\frac{3}{4}$	5 @ 5.1	6 $\frac{1}{2}$ @6.15	6 $\frac{1}{2}$ @6.3
13....	13 25 @13 37 $\frac{1}{2}$	4 $\frac{1}{2}$ @5	5 $\frac{1}{2}$ @5.4	5.65@5.7	5 $\frac{1}{2}$ @5 $\frac{1}{2}$	6 $\frac{1}{2}$ @6.15	6.2 @ 6 $\frac{1}{2}$
20....	13 00 @13 12 $\frac{1}{2}$	4 $\frac{1}{2}$ @5	5 $\frac{1}{2}$ @5.4	5.6 @ 5.65	5 $\frac{1}{2}$ @5 $\frac{1}{2}$	6.1 @ 6 $\frac{1}{2}$	6.15@6.2
27....	12 87 $\frac{1}{2}$ @13 00	4 $\frac{1}{2}$ @5	5.35@5.4	5 $\frac{1}{2}$ @5.55	5 $\frac{1}{2}$ @5 $\frac{1}{2}$	6.1 @ 6 $\frac{1}{2}$	6.2 @ 6 $\frac{1}{2}$
June 3....	12 75 @12 87 $\frac{1}{2}$	5 @ 5.1 $\frac{1}{2}$	5.2 @ 5.1	5.4 @ 5.45	5 $\frac{1}{2}$ @5 $\frac{1}{2}$	6 @ 6.1	6 $\frac{1}{2}$ @6.15
10....	12 62 $\frac{1}{2}$ @12 75	4 $\frac{1}{2}$ @5	5.1 @ 5.15	5.4 @ 5.3	5 @ 5.1	5.9 @ 6	6 @ 6.1
17....	12 25 @12 37 $\frac{1}{2}$	4 @ 41 $\frac{1}{2}$	5 $\frac{1}{2}$ @5.15	5.4 @ 5.3	5 @ 5.1	5 $\frac{3}{4}$ @5.7	5.95@6
24....	12 25 @12 50	4 $\frac{1}{2}$ @41 $\frac{1}{2}$	5 $\frac{1}{2}$ @5.15	5.35@5.4	5 $\frac{1}{2}$ @5 $\frac{1}{2}$	5.9 @ 5.95	6 @ 6.05
July 1....	12 30 @12 75	4 $\frac{1}{2}$ @41 $\frac{1}{2}$	5.1 @ 5.15	5.4 @ 5.3	5 @ 5.1	5.7 @ 5 $\frac{3}{4}$	5.9 @ 6
8....	12 25 @12 37 $\frac{1}{2}$	4 $\frac{1}{2}$ @41 $\frac{1}{2}$	5 $\frac{1}{2}$ @5.15	5.4 @ 5.35	5 @ 5.1	5 $\frac{3}{4}$ @5.8	5.85@5.9
15....	12 37 $\frac{1}{2}$ @12 50	4 $\frac{1}{2}$ @41 $\frac{1}{2}$	5 $\frac{1}{2}$ @5.3	5.4 @ 5.4	5 $\frac{1}{2}$ @5 $\frac{1}{2}$	5 $\frac{3}{4}$ @5.85	6 @ 6 $\frac{1}{2}$
22....	11 75 @12 00	4 $\frac{1}{2}$ @5	5.2 @ 5.1	5.4 @ 5.45	5 $\frac{1}{2}$ @5 $\frac{1}{2}$	5 $\frac{3}{4}$ @5.8	6 @ 6.1
29....	12 25 @12 50	5 $\frac{1}{2}$	5 $\frac{1}{2}$	5 $\frac{3}{4}$	6 @ 6.05	6.1 @ 6 $\frac{1}{2}$	6.3 @ 6 $\frac{1}{2}$
August 5....	12 25 @12 50	5 $\frac{1}{2}$	5 $\frac{1}{2}$	5 $\frac{3}{4}$	6 @ 6.05	6.1 @ 6 $\frac{1}{2}$	6.3 @ 6 $\frac{1}{2}$
12....	12 00 @12 25	5 $\frac{1}{2}$	5 $\frac{1}{2}$ @5.55	5 $\frac{3}{4}$ @5.8	6 @ 6 $\frac{1}{2}$	6.1 @ 6 $\frac{1}{2}$	6.3 @ 6 $\frac{1}{2}$
19....	12 00 @12 12 $\frac{1}{2}$	5 $\frac{1}{2}$	5 $\frac{1}{2}$	5 $\frac{3}{4}$	6 @ 6 $\frac{1}{2}$	6.1 @ 6 $\frac{1}{2}$	6.3 @ 6 $\frac{1}{2}$
26....	12 00 @12 12 $\frac{1}{2}$	5 $\frac{1}{2}$ @5 $\frac{1}{2}$	5 $\frac{1}{2}$ @5.65	5 $\frac{3}{4}$ @5.8	6 $\frac{1}{2}$ @5 $\frac{3}{4}$	6 $\frac{1}{2}$ @6.3	6.4 @ 6.45
September 2....	12 00 @12 25	5 $\frac{1}{2}$	5 $\frac{1}{2}$	5 $\frac{3}{4}$ @5.8	6 $\frac{1}{2}$ @5 $\frac{3}{4}$	6 $\frac{1}{2}$ @6.3	6 $\frac{1}{2}$ @6.4
9....	10 25 @10 50	5 $\frac{1}{2}$ @5 $\frac{1}{2}$	5.35@5.1	5 $\frac{3}{4}$ @5.4	6 @ 6 $\frac{1}{2}$	6 @ 6.15	6.35@6.4
16....	10 75 @11 00	5 @ 5.1 $\frac{1}{2}$	5 $\frac{1}{2}$ @5.4	5.6 @ 5.65	5 $\frac{3}{4}$ @6	6 @ 6.15	6.35@6.4
23....	10 50	5 $\frac{1}{2}$ @5 $\frac{1}{2}$	5 $\frac{1}{2}$ @5.4	5 $\frac{3}{4}$ @5.8	6 @ 6 $\frac{1}{2}$	6 $\frac{1}{2}$ @6.3	6 $\frac{1}{2}$ @6.4
30....	10 25 @10 37 $\frac{1}{2}$	5 $\frac{1}{2}$ @5 $\frac{1}{2}$	5 $\frac{1}{2}$ @5.4	5 $\frac{3}{4}$ @5.8	6 @ 6 $\frac{1}{2}$	6 $\frac{1}{2}$ @6.15	6 $\frac{1}{2}$ @6.4
October 7....	10 37 $\frac{1}{2}$	4 $\frac{1}{2}$ @5	5 $\frac{1}{2}$ @5.4	5.6 @ 5.65	5 $\frac{3}{4}$ @6	6 @ 6.1	6.35@6.4
14....	10 12 $\frac{1}{2}$ @10 25	5 @ 5.1 $\frac{1}{2}$	5 $\frac{1}{2}$ @5.3	5 $\frac{3}{4}$ @5.8	5 $\frac{3}{4}$ @5.8	6 $\frac{1}{2}$ @6.3	6.4 @ 6.35
21....	10 75 @10 80	5 @ 5.1	5 $\frac{1}{2}$ @5.6	5 $\frac{3}{4}$ @5.8	5 $\frac{3}{4}$ @5.8	6 $\frac{1}{2}$ @6.3	6.4 @ 6.45
28....	10 75 @10 80	5 @ 5.1	5 $\frac{1}{2}$ @5.55	5.65@5.7	5 $\frac{3}{4}$ @5 $\frac{3}{4}$	6 $\frac{1}{2}$ @6 $\frac{1}{2}$	6 $\frac{1}{2}$ @6 $\frac{1}{2}$

PRICES OF HAMS AND LARD.

Quotations for the best Sugar-cured Hams, and for Winter Prime Steam and Kettle Lard, per pound, at Cincinnati, on Tuesday of each week, during the provision trade year, ending October 31:

DATES.	SUGAR-CURED HAMS.		PRIME STEAM LARD.		KETTLE LARD.	
	1890-91	1889-90	1890-91	1889-90	1890-91	1889-90
November 4.....	98 $\frac{1}{2}$ @11 $\frac{1}{2}$	98 $\frac{1}{2}$ @12 $\frac{1}{2}$	6 $\frac{1}{4}$	5.9	6 $\frac{1}{2}$	6 $\frac{1}{4}$ @6 $\frac{1}{2}$
11.....	99 $\frac{1}{2}$ @11 $\frac{1}{2}$	10 @12 $\frac{1}{2}$	6 @6.1	5.92 $\frac{1}{2}$ @6	6 $\frac{1}{2}$ @6 $\frac{1}{2}$	6 $\frac{1}{4}$ @6 $\frac{1}{2}$
18.....	99 $\frac{1}{2}$ @11 $\frac{1}{2}$	10 @12 $\frac{1}{2}$	5.9 @6	6 @6.02 $\frac{1}{2}$	6 $\frac{1}{2}$ @6 $\frac{1}{2}$	6 @6 $\frac{1}{2}$
25.....	99 $\frac{1}{2}$ @11 $\frac{1}{2}$	10 @12 $\frac{1}{2}$	5.8 @5.9	5.8 @5.85	6 $\frac{1}{2}$ @6 $\frac{1}{2}$	6 $\frac{1}{4}$ @6 $\frac{1}{2}$
December 2.....	9 @10 $\frac{1}{2}$	9 $\frac{1}{2}$ @12	5.65@5.7	5.82 $\frac{1}{2}$ @5.7	6 $\frac{1}{2}$ @6 $\frac{1}{2}$	6 $\frac{1}{4}$ @6 $\frac{1}{2}$
9.....	88 $\frac{1}{2}$ @10 $\frac{1}{2}$	9 $\frac{1}{2}$ @12	5.65@5.7	5.82 $\frac{1}{2}$ @5.85	6 $\frac{1}{2}$ @6 $\frac{1}{2}$	6 $\frac{1}{4}$ @6 $\frac{1}{2}$
16.....	88 $\frac{1}{2}$ @10 $\frac{1}{2}$	9 $\frac{1}{2}$ @12	5.6 @5.65	5.7 @5.7	6 @6 $\frac{1}{2}$	6 $\frac{1}{4}$ @6 $\frac{1}{2}$
23.....	88 $\frac{1}{2}$ @10 $\frac{1}{2}$	9 $\frac{1}{2}$ @12	5.55@5.6	5.9	6 @6 $\frac{1}{2}$	6 $\frac{1}{4}$ @6 $\frac{1}{2}$
30.....	88 $\frac{1}{2}$ @10 $\frac{1}{2}$	9 @11 $\frac{1}{2}$	5.7 @5.7 $\frac{1}{2}$	5.7	6 @6 $\frac{1}{2}$	6 $\frac{1}{4}$ @6 $\frac{1}{2}$
January 6.....	88 $\frac{1}{2}$ @10 $\frac{1}{2}$	9 @11 $\frac{1}{2}$	5 $\frac{1}{2}$ @5.8	5.65 @5.67 $\frac{1}{2}$	6 @6 $\frac{1}{2}$	6 $\frac{1}{4}$ @6 $\frac{1}{2}$
13.....	88 $\frac{1}{2}$ @10 $\frac{1}{2}$	9 @11 $\frac{1}{2}$	5.7 @5.7 $\frac{1}{2}$	5.72 $\frac{1}{2}$ @5.7 $\frac{1}{2}$	6 @6 $\frac{1}{2}$	6 $\frac{1}{4}$ @6 $\frac{1}{2}$
20.....	88 $\frac{1}{2}$ @10 $\frac{1}{2}$	9 @11 $\frac{1}{2}$	5.65@5.7	5.8 @5.95	6 @6 $\frac{1}{2}$	6 @6 $\frac{1}{2}$
27.....	88 $\frac{1}{2}$ @10 $\frac{1}{2}$	9 @11 $\frac{1}{2}$	5.6 @5.7 $\frac{1}{2}$	5.8 @5.85	6 $\frac{1}{2}$ @6 $\frac{1}{2}$	6 $\frac{1}{4}$ @6 $\frac{1}{2}$
February 3.....	88 $\frac{1}{2}$ @10 $\frac{1}{2}$	9 @11 $\frac{1}{2}$	5.55@5.6	5.8	6 @6 $\frac{1}{2}$	6 $\frac{1}{4}$ @6 $\frac{1}{2}$
10.....	88 $\frac{1}{2}$ @10 $\frac{1}{2}$	9 @11 $\frac{1}{2}$	5 $\frac{1}{2}$ @5.52 $\frac{1}{2}$	5.9 @5.8	6 @6 $\frac{1}{2}$	6 $\frac{1}{4}$ @6 $\frac{1}{2}$
17.....	88 $\frac{1}{2}$ @10 $\frac{1}{2}$	9 @11 $\frac{1}{2}$	5 $\frac{1}{2}$ @5.55	5.77 $\frac{1}{2}$ @5.8	6 @6 $\frac{1}{2}$	6 $\frac{1}{4}$ @6 $\frac{1}{2}$
24.....	88 $\frac{1}{2}$ @10 $\frac{1}{2}$	9 @11 $\frac{1}{2}$	5 $\frac{1}{2}$ @5.55	5.8	6 @6 $\frac{1}{2}$	6 $\frac{1}{4}$ @6 $\frac{1}{2}$
March 3.....	88 $\frac{1}{2}$ @10 $\frac{1}{2}$	9 @11 $\frac{1}{2}$	5 $\frac{1}{2}$ @5.55	5.8	6 @6 $\frac{1}{2}$	6 $\frac{1}{4}$ @6 $\frac{1}{2}$
10.....	88 $\frac{1}{2}$ @10 $\frac{1}{2}$	9 $\frac{1}{2}$ @11 $\frac{1}{2}$	5 $\frac{1}{2}$	5.9	6 @6 $\frac{1}{2}$	6 $\frac{1}{4}$ @6 $\frac{1}{2}$
17.....	88 $\frac{1}{2}$ @10 $\frac{1}{2}$	9 $\frac{1}{2}$ @11 $\frac{1}{2}$	5.95@6	6 @6 $\frac{1}{2}$	6 $\frac{1}{2}$ @6 $\frac{1}{2}$	6 $\frac{1}{4}$ @6 $\frac{1}{2}$
24.....	88 $\frac{1}{2}$ @10 $\frac{1}{2}$	9 $\frac{1}{2}$ @11 $\frac{1}{2}$	6 $\frac{1}{2}$ @6.65	6 @6.02 $\frac{1}{2}$	6 $\frac{1}{2}$ @6 $\frac{1}{2}$	6 $\frac{1}{4}$ @6 $\frac{1}{2}$
31.....	88 $\frac{1}{2}$ @10 $\frac{1}{2}$	9 $\frac{1}{2}$ @11 $\frac{1}{2}$	6 $\frac{1}{2}$ @6.65	6 $\frac{1}{2}$ @6.15	6 $\frac{1}{2}$ @6 $\frac{1}{2}$	6 $\frac{1}{4}$ @6 $\frac{1}{2}$
April 7.....	88 $\frac{1}{2}$ @10 $\frac{1}{2}$	9 $\frac{1}{2}$ @11 $\frac{1}{2}$	6 $\frac{1}{2}$ @6.65	6.05	6 $\frac{1}{2}$ @6 $\frac{1}{2}$	6 $\frac{1}{4}$ @6 $\frac{1}{2}$
14.....	88 $\frac{1}{2}$ @10 $\frac{1}{2}$	9 $\frac{1}{2}$ @11 $\frac{1}{2}$	6 $\frac{1}{2}$ @6.7 $\frac{1}{2}$	6 $\frac{1}{2}$	7 @6 $\frac{1}{2}$	6 $\frac{1}{2}$ @6 $\frac{1}{2}$
21.....	91 $\frac{1}{2}$ @10 $\frac{1}{2}$	9 $\frac{1}{2}$ @11 $\frac{1}{2}$	6 $\frac{1}{2}$	6.4	7 $\frac{1}{2}$ @6 $\frac{1}{2}$	6 $\frac{1}{2}$ @6 $\frac{1}{2}$
28.....	91 $\frac{1}{2}$ @10 $\frac{1}{2}$	9 $\frac{1}{2}$ @11 $\frac{1}{2}$	6 $\frac{1}{2}$	6.2 @6 $\frac{1}{2}$	7 $\frac{1}{2}$ @6 $\frac{1}{2}$	6 $\frac{1}{2}$ @6 $\frac{1}{2}$
May 5.....	93 $\frac{1}{2}$ @10 $\frac{1}{2}$	9 $\frac{1}{2}$ @11 $\frac{1}{2}$	6 $\frac{1}{2}$ @6 $\frac{1}{2}$	6.4	7 @6 $\frac{1}{2}$	6 $\frac{1}{2}$ @6 $\frac{1}{2}$
12.....	93 $\frac{1}{2}$ @10 $\frac{1}{2}$	9 $\frac{1}{2}$ @11 $\frac{1}{2}$	6 $\frac{1}{2}$ @6 $\frac{1}{2}$	6.4 @6.15	6 $\frac{1}{2}$ @6 $\frac{1}{2}$	6 $\frac{1}{2}$ @6 $\frac{1}{2}$
19.....	93 $\frac{1}{2}$ @10 $\frac{1}{2}$	9 $\frac{1}{2}$ @11 $\frac{1}{2}$	6 $\frac{1}{2}$ @6 $\frac{1}{2}$	6.4	6 $\frac{1}{2}$ @6 $\frac{1}{2}$	6 $\frac{1}{2}$ @6 $\frac{1}{2}$
26.....	93 $\frac{1}{2}$ @10 $\frac{1}{2}$	9 $\frac{1}{2}$ @11 $\frac{1}{2}$	6 $\frac{1}{2}$ @6 $\frac{1}{2}$	6.07 $\frac{1}{2}$ @6.1	6 $\frac{1}{2}$ @6 $\frac{1}{2}$	6 $\frac{1}{2}$ @6 $\frac{1}{2}$
June 2.....	93 $\frac{1}{2}$ @10 $\frac{1}{2}$	9 $\frac{1}{2}$ @11 $\frac{1}{2}$	6 $\frac{1}{2}$ @6 $\frac{1}{2}$	5.9 @6	6 $\frac{1}{2}$ @6 $\frac{1}{2}$	6 @6 $\frac{1}{2}$
9.....	93 $\frac{1}{2}$ @10 $\frac{1}{2}$	9 $\frac{1}{2}$ @11 $\frac{1}{2}$	6.1 @6 $\frac{1}{2}$	5.9 @6	6 $\frac{1}{2}$ @6 $\frac{1}{2}$	6 @6 $\frac{1}{2}$
16.....	93 $\frac{1}{2}$ @10 $\frac{1}{2}$	9 $\frac{1}{2}$ @11 $\frac{1}{2}$	6 $\frac{1}{2}$	5.9 @6	6 $\frac{1}{2}$ @6 $\frac{1}{2}$	6 @6 $\frac{1}{2}$
23.....	93 $\frac{1}{2}$ @10 $\frac{1}{2}$	9 $\frac{1}{2}$ @11 $\frac{1}{2}$	6 $\frac{1}{2}$ @6.05	5.4 @5.8	6 $\frac{1}{2}$ @6 $\frac{1}{2}$	6 $\frac{1}{4}$ @6 $\frac{1}{2}$
30.....	93 $\frac{1}{2}$ @10 $\frac{1}{2}$	9 $\frac{1}{2}$ @11 $\frac{1}{2}$	6 $\frac{1}{2}$ @6.05	5.4 @5.85	6 $\frac{1}{2}$ @6 $\frac{1}{2}$	6 @6 $\frac{1}{2}$
July 7.....	93 $\frac{1}{2}$ @10 $\frac{1}{2}$	9 $\frac{1}{2}$ @11 $\frac{1}{2}$	6 $\frac{1}{2}$ @6.05	5.2 @5.55	6 $\frac{1}{2}$ @6 $\frac{1}{2}$	6 @6 $\frac{1}{2}$
14.....	93 $\frac{1}{2}$ @10 $\frac{1}{2}$	9 $\frac{1}{2}$ @11 $\frac{1}{2}$	6 $\frac{1}{2}$ @6.05	5.8	6 $\frac{1}{2}$ @6 $\frac{1}{2}$	6 @6 $\frac{1}{2}$
21.....	93 $\frac{1}{2}$ @10 $\frac{1}{2}$	9 $\frac{1}{2}$ @11 $\frac{1}{2}$	6 $\frac{1}{2}$ @6.05	5.65 @5.7	6 $\frac{1}{2}$ @6 $\frac{1}{2}$	6 @6 $\frac{1}{2}$
28.....	11 @12	10 @11 $\frac{1}{2}$	6 $\frac{1}{2}$ @6.05	5.65 @5.7	6 $\frac{1}{2}$ @6 $\frac{1}{2}$	6 $\frac{1}{4}$ @6 $\frac{1}{2}$
August 4.....	10 $\frac{1}{2}$ @11 $\frac{1}{2}$	10 @11 $\frac{1}{2}$	6 $\frac{1}{2}$ @6.05	6 @6.05	7 @6 $\frac{1}{2}$	6 $\frac{1}{2}$ @6 $\frac{1}{2}$
11.....	11 @12	10 $\frac{1}{2}$ @12	6 $\frac{1}{2}$ @6.05	6	7 @6 $\frac{1}{2}$	6 $\frac{1}{2}$ @6 $\frac{1}{2}$
18.....	11 @12	10 $\frac{1}{2}$ @12	6 $\frac{1}{2}$ @6.05	6 $\frac{1}{2}$ @6.15	7 $\frac{1}{2}$ @6 $\frac{1}{2}$	6 $\frac{1}{2}$ @6 $\frac{1}{2}$
25.....	10 $\frac{1}{2}$ @12	10 $\frac{1}{2}$ @12	6 $\frac{1}{2}$ @6.15	6 $\frac{1}{2}$ @6.15	7 @6 $\frac{1}{2}$	6 $\frac{1}{2}$ @6 $\frac{1}{2}$
September 1.....	10 $\frac{1}{2}$ @12	10 $\frac{1}{2}$ @12	6 $\frac{1}{2}$ @6.15	6 $\frac{1}{2}$ @6.15	7 $\frac{1}{2}$ @6 $\frac{1}{2}$	6 $\frac{1}{2}$ @6 $\frac{1}{2}$
8.....	10 $\frac{1}{2}$ @12	10 $\frac{1}{2}$ @12	6 $\frac{1}{2}$ @6.15	6 $\frac{1}{2}$ @6.15	7 $\frac{1}{2}$ @6 $\frac{1}{2}$	6 $\frac{1}{2}$ @6 $\frac{1}{2}$
15.....	10 $\frac{1}{2}$ @12	10 $\frac{1}{2}$ @12	6 $\frac{1}{2}$ @6.15	6 $\frac{1}{2}$ @6.15	7 $\frac{1}{2}$ @6 $\frac{1}{2}$	6 $\frac{1}{2}$ @6 $\frac{1}{2}$
22.....	10 @12	10 $\frac{1}{2}$ @12	6 $\frac{1}{2}$ @6.15	6 $\frac{1}{2}$ @6.15	7 $\frac{1}{2}$ @6 $\frac{1}{2}$	6 $\frac{1}{2}$ @6 $\frac{1}{2}$
29.....	10 @12	10 @11 $\frac{1}{2}$	6 $\frac{1}{2}$ @6.15	6 $\frac{1}{2}$ @6.15	7 $\frac{1}{2}$ @6 $\frac{1}{2}$	6 $\frac{1}{2}$ @6 $\frac{1}{2}$
October 6.....	10 @12	10 @11 $\frac{1}{2}$	6 $\frac{1}{2}$ @6.15	6 $\frac{1}{2}$ @6.15	7 $\frac{1}{2}$ @6 $\frac{1}{2}$	6 $\frac{1}{2}$ @6 $\frac{1}{2}$
13.....	10 @11	10 @11 $\frac{1}{2}$	6 $\frac{1}{2}$ @6.15	6 $\frac{1}{2}$ @6.15	7 $\frac{1}{2}$ @6 $\frac{1}{2}$	6 $\frac{1}{2}$ @6 $\frac{1}{2}$
20.....	10 @11	9 $\frac{1}{2}$ @11 $\frac{1}{2}$	6 $\frac{1}{2}$ @6.15	6 $\frac{1}{2}$ @6.15	7 $\frac{1}{2}$ @6 $\frac{1}{2}$	6 $\frac{1}{2}$ @6 $\frac{1}{2}$
27.....	9 $\frac{1}{2}$ @11	9 $\frac{1}{2}$ @11 $\frac{1}{2}$	6 $\frac{1}{2}$ @6.15	6.15 @6.2	6 $\frac{1}{2}$ @6 $\frac{1}{2}$	6 $\frac{1}{2}$ @6 $\frac{1}{2}$

* No session of the Chamber. Quotations of the following day.

PRICES OF HOGS.

Quotations for fair to good Packing Hogs, per 100 pounds, alive, on each day in the winter months, and on each Tuesday during the remainder of the year, at Cincinnati, for twelve months ending October 31, 1891, with comparisons:

DATES.	1890-91	1889-90	DATES.	1890-91	1889-90	DATES.	1890-91	1889-90
Novemb'r 1..	\$3 65@4 05	\$3 75@3 90	Dece'ber 23..	\$3 35@3 50	\$3 55@3 60	Febr'y 13..	\$3 45@3 60	\$4 00@4 10
2..	3 65@3 90	3 75@3 90	24..	3 40@3 50	3 55@3 60	14..	3 50@3 60	3 95@4 05
3..	3 60@3 90		25..			15..		3 90@4 05
4..	3 65@4 00	3 75@3 90	26..	3 45@3 65	3 60@3 65	16..	3 50@3 65	
5..	3 65@4 00		27..	3 40@3 65	3 60@3 65	17..	3 50@3 65	3 90@4 00
6..	3 65@4 00	3 75@3 90	28..		3 50@3 60	18..	3 60@3 80	3 90@4 00
7..	3 50@3 90	3 80@4 00	29..	3 45@3 65		19..	3 70@3 85	3 90@4 00
8..	3 55@3 95	3 85@4 00	30..	3 45@3 65	3 60@3 70	20..	3 70@3 85	3 90@4 05
9..		3 80@3 95	31..	3 50@3 65	3 65@3 75	21..	3 70@3 85	3 90@4 05
10..	3 60@3 90		January 1..			22..		
11..	3 75@4 05	3 80@3 95	2..	3 60@3 65	3 65@3 75	23..		
12..	3 60@3 90	3 70@3 85	3..	3 60@3 65	3 70@3 80	24..	3 90@4 00	3 90@4 05
13..	3 65@3 80	3 65@3 75	4..		3 65@3 75	25..	3 65@3 80	3 95@4 05
14..	3 60@3 85	3 60@3 70	5..	3 50@3 65		26..	3 60@3 80	3 95@4 05
15..	3 50@3 75	3 65@3 75	6..	3 55@3 75	3 60@3 65	27..	3 60@3 65	3 90@4 00
16..		3 70@3 80	7..	3 50@3 65	3 65@3 75	28..	3 60@3 75	3 90@4 05
17..	3 40@3 65		8..	3 60@3 75	3 60@3 70	March 3..	3 65@3 80	4 00@4 15
18..	3 40@3 60	3 70@3 80	9..	3 55@3 70	3 65@3 75	10..	3 70@3 80	3 90@4 10
19..	3 25@3 50	3 75@3 85	10..	3 55@3 70	3 64@3 70	17..	3 95@4 10	4 15@4 30
20..	3 25@3 50	3 75@3 85	11..		3 60@3 70	24..	4 25@4 50	4 05@4 20
21..	3 25@3 60	3 70@3 85	12..	3 50@3 65		31..	4 60@4 85	4 15@4 30
22..	3 40@3 65	3 75@3 85	13..	3 50@3 60	3 65@3 75	April 7..	5 15@5 35	4 15@4 30
23..		3 70@3 80	14..	3 50@3 65	3 65@3 75	14..	5 00@5 30	4 15@4 30
24..	3 60@3 80		15..	3 55@3 70	3 60@3 70	21..	4 75@5 15	4 10@4 25
25..	3 55@3 75	3 60@3 75	16..	3 65@3 80	3 65@3 75	28..	5 00@5 30	4 15@4 30
26..	3 55@3 75	3 60@3 70	17..	3 60@3 75	3 70@3 75	May 5..	4 60@5 00	4 00@4 20
27..		3 45@3 55	18..		3 70@3 75	12..	4 60@5 00	4 10@4 25
28..	3 65@3 85		19..	3 60@3 75		19..	4 45@4 85	4 00@4 15
29..	3 65@3 85	3 60@3 65	20..	3 60@3 75	3 70@3 80	26..	4 30@4 65	3 70@3 80
30..		3 60@3 65	21..	3 50@3 65	3 70@3 80	June 2..	4 50@4 75	3 90@4 00
December 1..	3 60@3 80		22..	4 40@3 65	3 80@3 90	9..	4 60@4 75	3 60@3 70
2..	3 50@3 65	3 65@3 70	23..	3 50@3 65	3 85@3 90	16..	4 40@4 65	3 65@3 80
3..	3 30@3 55	3 55@3 65	24..	3 55@3 65	3 85@3 95	23..	4 60@4 80	3 60@3 75
4..	3 30@3 55	3 50@3 60	25..		3 80@3 90	30..	4 55@4 80	3 60@3 70
5..	3 25@3 65	3 60@3 70	26..	3 50@3 65		July 7..	4 80@5 00	3 60@3 85
6..	3 25@3 65	3 60@3 70	27..	3 60@3 70	3 80@3 90	14..	4 85@5 10	3 60@3 70
7..		3 60@3 70	28..	3 50@3 60	3 85@3 95	21..	5 35@5 60	3 65@3 75
8..	3 35@3 60		29..	3 50@3 65	3 80@3 90	28..	5 00@5 60	3 85@3 95
9..	3 40@3 60	3 50@3 60	30..	3 60@3 75	3 75@3 85	August 4..	4 75@5 30	3 65@3 80
10..	3 40@3 60	3 50@3 55	31..	3 65@3 80	3 75@3 85	11..	4 75@5 25	3 70@3 90
11..	3 30@3 55	3 50@3 60	February 1..		3 80@3 90	18..	4 90@5 40	3 85@4 10
12..	3 30@3 50	3 55@3 60	2..			25..	4 75@5 20	4 15@4 35
13..	3 30@3 50	3 45@3 55	3..	3 65@3 80	3 85@3 92	Sept. 1..	4 60@5 10	4 30@4 50
14..		3 40@3 50	4..	3 70@3 85	3 85@3 95	8..	4 70@5 20	4 25@4 50
15..	3 25@3 50		5..	3 70@3 85	3 80@3 90	15..	4 50@5 15	4 60@4 80
16..	3 25@3 40	3 50@3 60	6..	3 70@3 80	3 85@3 95	22..	4 80@5 15	4 40@4 65
17..	3 20@3 35	3 45@3 55	7..	3 65@3 80	3 90@4 00	29..	4 50@5 00	4 15@4 45
18..	3 20@3 35	3 50@3 60	8..		3 95@4 05	October 6..	4 40@4 75	4 15@4 55
19..	3 20@3 35	3 45@3 50	9..	3 60@3 75		13..	4 40@4 85	4 15@4 35
20..	3 25@3 40	3 45@3 55	10..	3 60@3 75	4 10@4 20	20..	3 90@4 20	4 05@4 30
21..		3 50@3 55	11..	3 60@3 75	4 05@4 15	27..	4 10@4 30	3 85@4 06
22..	3 25@3 50		12..	3 50@3 65	4 05@4 15			

Average monthly prices of fair to good Packing Hogs, at Cincinnati, during winter seasons:

MONTHS.	1890-91	1889-90	1888-89	1887-88	1886-87	1885-86	1884-85	1883-84	1882-83	1881-82	1880-81	1879-80
November	\$3.67	\$3.76	\$5.30	\$4.78	\$3.98	\$3.59	\$4.42	\$4.70	\$6.68	\$6.17	\$4.35	\$3.81
December	3.44	3.57	5.13	5.39	4.21	3.82	4.28	5.46	6.25	6.24	4.65	4.48
January	3.62	3.75	5.01	5.45	4.64	3.96	4.58	5.82	6.42	6.61	5.09	4.55
February	3.69	3.97	4.66	5.43	5.23	4.16	4.80	6.72	6.90	6.89	5.72	4.42
Average	3.60	3.76	5.02	5.26	4.51	3.88	4.52	5.68	6.56	6.48	4.95	4.31

AVERAGE ANNUAL PRICES OF HOG PRODUCT.

Average annual prices of leading Articles of Hog Product, at Cincinnati, for commercial years indicated, ending August 31:

YEARS.	MESS PORK.	D. S. MEATS.			BACON.				LARD.	
		Shoulders.	Short Rib Sides.	Short Clear Sides.	Shoulders.	Short Rib Sides.	Short Clear Sides.	Sugar Cured Hams.	Prime Steam Winter.	Kettle Winter.
1871-72	\$12 89	5.14	6.66	....	6.20	7.50	7.87	13.50	....	9.00
1872-73	14 85	5.90	8.00	8.40	6.80	9.30	9.60	14.58	8.00	8.25
1873-74	16 68	6.50	8.30	8.60	7.40	9.20	9.50	13.30	9.10	9.80
1874-75	20 47	7.84	11.20	11.60	9.07	12.58	13.11	13.66	13.72	14.45
1875-76	20 92	7.98	10.95	11.34	9.21	12.28	12.73	14.40	12.24	13.27
1876-77	15 42	5.80	7.81	8.28	6.80	8.79	9.25	12.34	9.75	10.53
1877-78	10 99	4.77	5.98	6.24	5.68	6.84	7.15	10.31	7.54	8.07
1878-79	9 25	3.50	4.57	4.88	4.09	5.13	5.41	9.35	6.06	6.87
1879-80	11 88	4.21	6.51	6.88	5.02	7.49	7.82	9.91	6.98	7.51
1880-81	15 93	5.46	8.08	8.38	6.24	8.90	9.28	10.85	9.86	10.49
1881-82	19 62	7.73	10.49	10.93	8.60	11.38	11.93	13.42	11.36	13.06
1882-83	18 92	7.51	10.10	10.54	8.53	11.23	11.78	13.61	10.85	11.60
1883-84	15 64	6.09	8.40	8.38	6.80	8.71	9.06	13.49	8.24	8.96
1884-85	12 74	4.76	6.65	6.96	5.39	7.38	7.80	10.70	6.87	7.54
1885-86	10 04	4.14	5.52	5.72	4.71	5.98	6.20	10.14	6.13	6.54
1886-87	13 74	5.60	7.17	7.41	6.39	7.85	8.10	11.48	6.56	7.25
1887-88	14 55	5.91	7.75	8.06	6.66	8.38	8.74	11.23	7.64	8.23
1888-89	13 13	5.83	6.82	7.06	6.65	7.47	7.85	11.56	7.41	8.03
1889-90	11 29	4.46	5.19	5.36	5.01	5.89	6.10	10.81	5.94	6.37
1890-91	10 72	4.76	5.72	5.91	5.60	6.31	6.54	10.18	6.11	6.55

Average annual prices for provision trade years ending October 31:

YEARS.	MESS PORK.	D. S. MEATS.			BACON.				LARD.	
		Shoulders.	Short Rib Sides.	Short Clear Sides.	Shoulders.	Short Rib Sides.	Short Clear Sides.	Sugar Cured Hams.	Prime Steam Winter.	Kettle Winter.
1879-80	\$12 85	4.46	6.87	7.12	5.29	7.71	8.06	10.18	7.21	7.85
1880-81	16 40	5.85	8.34	8.67	6.68	9.21	9.06	11.12	10.20	11.11
1881-82	20 08	8.01	11.15	11.61	8.88	12.05	12.65	13.70	11.54	13.08
1882-83	16 92	6.70	8.74	9.14	7.69	9.77	10.24	13.47	10.07	10.91
1883-84	16 50	6.26	8.61	8.96	6.97	9.33	9.73	13.34	8.18	8.86
1884-85	11 41	4.25	5.91	6.19	4.84	6.56	6.92	10.07	6.63	7.21
1885-86	10 19	4.56	5.73	5.94	5.20	6.21	6.44	10.36	6.18	6.62
1886-87	14 47	5.55	7.36	7.60	6.32	8.09	8.34	11.50	6.59	7.29
1887-88	14 60	6.28	7.84	8.16	6.98	8.46	8.87	11.37	8.15	8.74
1888-89	12 45	5.23	6.24	6.45	6.05	6.85	7.17	11.45	6.78	7.34
1889-90	11 21	4.60	5.23	5.40	5.19	5.96	6.16	10.67	5.96	6.37
1890-91	10 66	4.80	6.04	6.23	5.63	6.62	6.87	10.17	6.20	6.71

Average annual price of Live Hogs, at Cincinnati, for winter seasons:

1848-49	\$2 70	1859-60	\$4 97	1870-71	\$5 50	1881-82	\$6 24
1849-50	2 33	1860-61	4 77	1871-72	4 36	1882-83	6 44
1850-51	3 20	1861-62	2 63	1872-73	3 92	1883-84	5 24
1851-52	3 76	1862-63	3 56	1873-74	4 58	1884-85	4 44
1852-53	5 05	1863-64	5 60	1874-75	6 99	1885-86	3 81
1853-54	3 55	1864-65	11 70	1875-76	7 27	1886-87	4 28
1854-55	3 56	1865-66	9 57	1876-77	5 90	1887-88	5 18
1855-56	4 84	1866-67	6 02	1877-78	4 20	1888-89	5 15
1856-57	4 99	1867-68	6 60	1878-79	2 84	1889-90	3 74
1857-58	4 13	1868-69	8 41	1879-80	4 36	1890-91	3 64
1858-59	5 27	1869-70	9 46	1880-81	4 61		

ANNUAL RECEIPTS OF HOG PRODUCT.

Annual receipts of Hog Product, at Cincinnati, for years ending August 31:

YEARS.	Bacon, in hhds. lbs.	Bacon, in tierces, lbs.	Pork, bbls.	*D. S. Meats, lbs.	Lard, in bbls. or tcs. lbs.	Lard, in kegs, lbs.
1865-66.....	4,365,000	1,572,600	28,443	11,700,879	9,632,170	358,920
1866-67.....	4,708,800	1,452,900	15,316	15,691,730	17,589,250	411,525
1867-68.....	2,022,300	1,550,400	16,610	18,386,343	9,568,000	211,185
1868-69.....	1,598,400	3,188,100	14,647	15,692,140	11,135,220	108,720
1869-70.....	1,469,700	2,721,900	11,462	17,386,497	8,104,320	66,105
1870-71.....	2,480,400	2,801,700	15,615	25,445,310	13,700,480	115,515
1871-72.....	2,986,100	2,826,900	32,078	38,073,386	14,969,280	126,405
1872-73.....	1,134,000	3,422,100	10,185	39,073,945	16,010,560	87,660
1873-74.....	2,066,400	3,942,000	7,122	28,999,404	17,420,800	85,815
1874-75.....	666,272	2,659,083	9,009	22,205,120	11,546,664	39,465
1875-76.....	1,128,066	4,774,505	6,063	19,341,658	13,935,251	16,470
1876-77.....	543,869	3,803,916	5,333	15,333,146	8,779,520	23,337
1877-78.....	701,411	4,939,365	3,179	14,632,204	9,371,686	33,660
1878-79.....	477,849	4,815,405	5,035	12,020,353	12,010,131	13,060
1879-80.....	1,142,555	5,969,534	3,105	18,152,078	7,741,727	13,678
1880-81.....	864,312	4,691,742	3,241	40,843,908	13,045,014	16,234
1881-82.....	1,201,546	4,525,791	3,034	41,012,424	6,755,006	38,727
1882-83.....	781,400	4,323,214	7,260	25,480,430	7,845,508	15,968
1883-84.....	950,017	5,534,619	3,846	41,607,842	7,187,949	29,235
1884-85.....	1,089,543	7,046,047	9,078	61,946,510	12,002,638	6,980
1885-86.....	712,814	8,987,034	13,405	85,867,309	13,824,712	7,585
1886-87.....	553,330	7,170,410	10,973	72,614,432	22,151,299	1,920
1887-88.....	784,950	6,438,392	6,999	57,272,764	15,050,905	360
1888-89.....	1,946,331	7,276,160	10,824	62,730,286	14,471,656	.....
1889-90.....	5,034,610	8,936,027	7,278	61,362,683	14,599,057	.....
1890-91.....	5,841,070	8,661,310	5,438	82,199,590	21,288,600	.....

* Including Green Meats; also, Meats boxed.

ANNUAL SHIPMENTS OF HOG PRODUCT.

Annual shipments of Hog Product, at Cincinnati, for years ending August 31:

YEARS.	Bacon, in hhds. lbs.	Bacon, in tierces, lbs.	Pork, bbls.	Bacon and D. S. Meats, in boxes, lbs.	D. S. Meats, loose, lbs.	Lard, in bbls. or tcs. lbs.	Lard, in kegs, lbs.
1865-66.....	32,630,400	9,070,800	113,204	6,149,000	1,798,708	22,632,690	1,507,275
1866-67.....	49,131,900	12,975,900	105,928	3,961,500	1,398,894	26,811,790	1,885,140
1867-68.....	36,563,400	12,315,300	91,186	4,800,000	5,054,315	26,690,580	2,017,710
1868-69.....	37,307,700	13,399,600	67,066	4,155,500	7,325,972	24,940,510	1,669,410
1869-70.....	35,285,400	13,704,300	66,427	4,900,000	7,223,236	13,187,510	3,361,185
1870-71.....	47,221,200	15,589,900	72,487	3,168,500	11,828,290	35,297,280	2,238,075
1871-72.....	62,854,200	22,954,500	93,985	7,417,500	19,958,909	40,000,640	1,632,870
1872-73.....	61,920,000	24,439,200	62,030	13,430,000	26,449,423	41,852,480	1,855,215
1873-74.....	53,932,500	24,027,600	57,310	9,222,000	36,553,997	42,898,880	1,752,210
1874-75.....	29,897,886	23,433,508	43,970	5,150,730	37,750,015	29,579,084	1,276,794
1875-76.....	26,509,395	23,487,125	53,518	9,162,971	32,637,549	34,565,110	592,080
1876-77.....	21,921,630	19,739,531	65,479	13,062,810	39,181,649	33,525,976	458,458
1877-78.....	21,813,868	22,839,734	73,384	16,026,500	32,638,175	44,987,709	256,725
1878-79.....	28,319,529	22,445,924	57,111	27,061,000	25,887,275	42,208,320	193,685
1879-80.....	21,443,410	20,344,412	38,428	19,388,835	29,183,313	26,420,256	143,564
1880-81.....	17,912,562	16,890,860	49,639	19,606,118	55,755,612	41,893,108	365,836
1881-82.....	20,822,492	13,697,246	17,503	8,751,840	48,904,210	24,205,955	603,482
1882-83.....	13,959,498	13,642,320	25,035	9,329,477	45,381,523	31,016,021	76,250
1883-84.....	16,781,225	13,730,304	19,495	6,153,760	52,007,307	25,019,197	71,652
1884-85.....	15,408,961	15,833,615	21,533	7,210,900	66,354,504	29,605,373	42,010
1885-86.....	17,804,410	16,719,140	19,813	7,027,115	95,275,105	34,280,715	10,330
1886-87.....	14,964,148	15,251,802	21,400	8,709,750	71,194,065	37,820,280	5,980
1887-88.....	12,751,470	12,285,089	10,157	6,728,250	57,032,097	27,836,732	5,400
1888-89.....	15,057,075	15,192,010	11,101	8,781,030	64,875,376	30,767,221	.....
1889-90.....	18,451,619	17,272,486	9,868	12,623,300	54,522,312	32,944,779	.....
1890-91.....	18,577,439	17,219,915	7,343	12,983,540	75,499,392	35,995,984	.....

MONTHLY MOVEMENT OF HOG PRODUCT.

Monthly receipts and shipments of Hog Product, at Cincinnati, for the commercial year ending August 31:

MONTHS.	RECEIPTS, 1890-91.					
	Bacon, lbs.	D. S. Meats, loose, lbs.	D. S. Meats, boxed, lbs.	Hams, lbs.	Lard, lbs.	Pork, bbls.
September.....	669,140	6,770,000	843,000	901,590	733,860	780
October.....	626,860	6,396,550	1,456,000	1,013,830	1,364,430	709
November.....	343,500	4,267,340	788,000	313,140	860,120	375
December.....	118,250	2,956,400	627,000	127,730	1,778,100	948
January.....	198,940	6,111,350	506,000	242,390	1,175,460	300
February.....	309,300	5,216,880	1,693,500	444,200	2,336,030	670
March.....	396,310	6,374,340	1,227,000	639,750	4,083,720	636
April.....	520,160	7,107,300	955,000	749,220	1,900,960	254
May.....	363,660	4,538,380	770,000	1,051,750	1,024,440	33
June.....	745,150	6,275,600	712,500	1,140,160	2,198,250	150
July.....	795,980	7,495,850	715,000	1,188,290	2,010,860	293
August.....	753,820	7,647,600	859,000	867,260	1,792,410	290

MONTHS.	SHIPMENTS, 1890-91.					
	Bacon, lbs.	D. S. Meats, loose, lbs.	D. S. Meats, boxed, lbs.	Hams, lbs.	Lard, lbs.	Pork, bbls.
September.....	1,906,760	6,008,976	985,500	1,295,563	1,700,130	957
October.....	1,800,180	6,505,300	1,401,500	1,378,615	2,816,220	865
November.....	937,115	4,567,990	982,500	992,420	2,646,670	578
December.....	493,710	4,171,839	1,396,000	1,354,800	4,055,570	1,208
January.....	1,019,520	8,024,390	942,000	1,634,140	3,203,904	429
February.....	900,560	6,854,870	1,836,000	1,439,190	3,496,680	896
March.....	1,564,760	7,582,790	1,293,000	1,410,787	5,446,540	1,158
April.....	1,779,780	4,918,480	918,500	1,514,430	3,061,485	295
May.....	1,538,194	4,728,445	662,500	1,381,735	2,078,570	139
June.....	2,080,144	6,125,170	727,500	1,680,070	2,413,750	244
July.....	2,302,021	7,018,700	879,000	1,502,170	2,619,835	244
August.....	2,254,695	7,472,642	879,500	1,435,965	2,456,630	326

LIST OF CINCINNATI PACKERS.

The following is a list of Slaughterers and Curers of Hog Product, at Cincinnati, in the year 1890-91:

Banner Packing and Provision Co.	Joseph L. Jacob.	Ruttie-Schlickman Packing Co.
Dawson Blackmore & Co.	W. & R. Kirby.	(Covington, Ky.)
Jacob Brill.	F. A. Laidley & Co.	Ryan Brothers.
S. Davis, Jr. & Co.	Maescher & Co.	A. Sander & Co.
Charles Davis & Co.	Meyer & Huchart.	J. & F. Schroth.
Wm. H. Davis & Co.	James Morrison & Co.	Slimer & Dater.
Sigmund Frietsch.	J. Rawson & Sons.	Jacob Vogel & Son.
F. A. Hahn & Co.	Remmers & Feld.	
The Jacob Packing Co.	The Roth-Meyer Packing Co.	

MONTHLY MOVEMENT OF HOGS AND HOG PRODUCT.

Monthly receipts and shipments of Hogs and Hog Product, at Cincinnati, for the provision trade year ending October 31, 1891 :

MONTHS.	RECEIPTS, 1890-91.				SHIPMENTS, 1890-91.			
	Hogs, head.	Pork, bbls.	Lard, lbs.	Meats, lbs.	Hogs, head.	Pork, bbls.	Lard, lbs.	Meats, lbs.
November.....	134,858	375	800,120	5,711,980	51,391	578	2,646,670	7,500,025
December.....	161,494	948	1,779,100	3,829,380	49,283	1,208	4,055,570	7,416,849
January.....	128,542	300	1,175,460	7,058,680	37,741	429	3,283,904	11,620,040
February.....	70,191	670	2,336,030	7,573,880	30,726	896	3,496,680	11,030,620
March.....	65,113	636	4,083,720	8,637,400	25,244	1,158	5,446,540	11,851,337
April.....	56,455	254	1,900,960	9,311,080	27,042	235	3,061,485	11,131,190
May.....	48,904	33	1,024,400	6,723,790	20,013	139	2,078,570	8,510,934
June.....	40,201	150	2,198,250	8,853,410	14,641	244	2,413,750	10,612,861
July.....	36,014	293	2,010,860	10,195,120	14,628	248	2,619,885	11,701,891
August.....	39,716	290	1,792,410	10,127,680	21,231	326	2,456,630	12,042,802
September.....	45,252	452	2,291,080	12,398,287	21,340	543	2,764,590	13,775,977
October.....	100,014	860	1,640,140	12,776,590	52,329	1,087	2,348,280	14,801,960

Monthly receipts and shipments of Hogs and Hog Product, at Cincinnati, for the provision trade year ending October 31, 1890 :

MONTHS.	RECEIPTS, 1889-90.				SHIPMENTS, 1889-90.			
	Hogs, head.	Pork, bbls.	Lard, lbs.	Meats, lbs.	Hogs, head.	Pork, bbls.	Lard, lbs.	Meats, lbs.
November.....	144,984	506	1,375,390	6,992,467	50,638	579	2,786,420	8,140,520
December.....	137,105	428	1,127,826	3,247,850	48,486	605	4,255,250	7,302,290
January.....	134,140	1,351	1,170,880	4,589,660	43,223	1,267	3,026,760	7,937,510
February.....	71,859	803	2,949,945	5,746,020	40,718	817	4,270,650	7,972,155
March.....	78,942	802	948,316	5,984,433	45,505	1,199	2,618,369	7,556,900
April.....	91,650	236	1,127,520	6,973,180	53,103	194	2,067,420	9,115,090
May.....	89,052	376	723,980	5,227,690	55,578	446	1,578,000	7,854,332
June.....	60,814	151	628,460	6,235,315	30,063	269	2,396,628	8,269,020
July.....	63,697	382	649,000	7,081,000	30,854	1,047	1,947,852	8,128,920
August.....	55,102	955	1,293,520	7,550,810	26,486	770	2,823,580	9,629,878
September.....	56,244	780	733,840	9,183,730	24,379	957	1,700,130	10,196,799
October.....	107,901	709	1,364,430	9,495,240	55,494	845	2,816,220	11,085,595

PRICES OF CATTLE AND SHEEP BY GRADES.

Prices the various grades of Cattle and Sheep, at Cincinnati, at close of August :

GRADES.	1891	1890	1889	1888	1887	1886
CATTLE.						
Fair to good shipping, per cental gross.....	\$4 00@5 00	\$3 50@4 25	\$3 75@4 25	\$4 50@5 50	\$3 00@4 35	\$3 50@4 90
Good to choice, " ".....	4 25@5 40	3 60@4 00	3 25@3 65	4 15@4 65	3 15@4 00	3 50@4 25
Fair to medium, " ".....	3 25@4 00	2 50@3 50	2 25@3 00	3 00@4 00	2 35@3 00	2 75@3 35
Common, " ".....	2 25@3 00	1 50@2 25	1 25@2 00	2 00@2 50	1 50@2 25	1 50@2 50
SHEEP.						
Extra, per cental gross.....	\$1 75@5 00	\$1 75	\$1 50@1 75	\$1 50@4 75	\$1 25@4 50	\$1 00@4 25
Good to choice, " ".....	4 00@4 50	3 75@4 50	3 50@4 25	3 50@4 25	3 50@4 25	3 25@4 00
Common to fair, " ".....	2 50@3 50	2 50@3 50	2 25@3 25	2 00@3 25	2 50@3 25	2 25@3 00

ANNUAL MOVEMENT OF HOGS AND HOG PRODUCT.

Annual receipts and shipments of Hogs and Hog Product, at Cincinnati, for years indicated, ending October 31:

YEARS.	RECEIPTS.				SHIPMENTS.			
	Hogs, head.	Pork, bbls.	Lard, lbs.	Meats, lbs.	Hogs, head.	Pork, bbls.	Lard, lbs.	Meats, lbs.
1869-70.....	486,487	14,102	8,547,490	24,791,596	38,649	71,858	22,922,880	68,783,744
1870-71.....	724,069	14,565	14,954,820	34,693,854	87,463	69,547	40,614,090	95,843,823
1871-72.....	996,216	31,277	14,675,970	41,340,576	170,124	109,279	43,307,010	120,847,895
1872-73.....	1,125,380	9,284	17,589,825	45,337,236	267,399	47,494	45,279,630	136,765,300
1873-74.....	1,113,331	7,279	16,921,080	35,963,598	396,803	46,357	40,936,125	124,342,241
1874-75.....	911,478	9,650	12,154,500	26,493,613	150,428	55,268	34,767,334	98,129,018
1875-76.....	882,618	5,924	13,680,811	25,789,708	185,621	54,892	34,927,861	97,649,782
1876-77.....	950,091	4,066	8,649,842	20,275,625	247,005	59,373	33,907,783	90,707,938
1877-78.....	1,069,146	3,189	9,435,791	18,617,937	231,929	67,611	43,658,859	93,447,945
1878-79.....	1,059,710	5,327	12,022,574	18,706,246	213,058	60,307	42,075,935	102,751,489
1879-80.....	963,959	2,547	8,302,052	28,088,216	249,527	44,544	30,452,460	89,810,886
1880-81.....	1,053,216	3,599	13,003,365	50,489,141	304,170	37,300	37,702,839	110,643,940
1881-82.....	649,786	6,268	7,332,841	46,009,486	135,877	19,926	25,371,520	87,759,290
1882-83.....	886,514	4,422	7,000,509	31,094,935	289,670	23,133	31,113,638	83,438,141
1883-84.....	877,715	4,258	8,320,167	54,609,763	304,670	19,450	25,428,589	92,803,745
1884-85.....	830,957	9,797	12,590,207	73,647,170	251,482	24,472	30,921,503	116,118,041
1885-86.....	774,678	14,781	13,953,387	95,610,802	218,960	22,060	33,419,765	130,408,414
1886-87.....	853,088	9,090	21,715,124	79,707,608	233,574	16,562	37,538,453	108,211,410
1887-88.....	774,461	7,042	14,635,671	59,196,661	255,283	11,059	26,085,428	86,788,182
1888-89.....	938,588	10,626	15,399,305	77,290,021	375,248	13,771	33,306,542	109,804,177
1889-90.....	1,091,490	7,479	14,093,127	78,307,395	504,527	9,015	32,237,279	103,188,699
1890-91.....	926,754	5,201	23,121,530	103,197,877	365,619	7,151	36,592,454	131,996,019

DAILY RECEIPTS AND SHIPMENTS OF HOGS.

Daily receipts and shipments of Hogs, November 1, 1890, to March 1, 1891:

DATES.	Receipts.	Ship'ts.	DATES.	Receipts.	Shipm'ts.	DATES.	Receipts.	Shipm'ts.
November			December			January		
1.....	5,056	3,800	11....	7,628	2,088	22....	5,358	1,299
2-3....	9,158	4,770	12....	6,027	2,021	23....	4,893	1,625
4.....	3,831	1,726	13....	4,611	3,393	24....	1,832	537
5.....	5,651	2,574	14-15....	9,160	2,955	25-26....	5,483	1,607
6.....	4,572	2,201	16....	3,913	1,303	27....	2,362	1,541
7.....	5,432	1,644	17....	8,669	1,245	28....	5,221	1,044
8.....	2,661	2,355	18....	7,689	1,458	29....	3,482	2,435
9-10....	5,702	931	19....	5,434	1,073	30....	2,045	991
11....	4,623	1,472	20....	4,006	2,607	31....	1,556	922
12....	9,207	547	21-22....	3,489	1,596	February 1-2....	3,831	2,197
13....	6,494	2,108	23....	3,017	822	3....	2,812	1,164
14....	6,745	1,852	24....	5,157	1,314	4....	3,969	1,232
15....	3,952	2,608	25-26....	3,549	2,862	5....	3,900	1,919
16-17....	7,126	1,407	27....	3,347	908	6....	4,062	1,801
18....	2,894	1,983	28-29....	5,554	2,087	7....	2,140	2,239
19....	9,615	1,534	30....	4,192	1,153	8-9....	5,728	1,944
20....	4,004	1,179	31....	7,567	865	10....	1,988	1,778
21....	3,100	1,961	January 1-2....	7,552	2,442	11....	4,340	836
22....	2,010	2,653	3....	3,257	1,782	12....	4,051	1,316
23-24....	3,678	1,930	4-5....	10,142	240	13....	3,175	450
25....	5,892	932	6....	4,016	1,748	14....	1,922	1,686
26....	9,037	2,571	7....	8,514	1,643	15-16....	3,444	2,158
27-28....	8,273	4,560	8....	5,687	2,679	17....	1,141	453
29....	6,145	2,093	9....	8,821	1,478	18....	1,195	760
30....	11,798	2,422	10....	3,423	1,838	19....	2,109	1,345
December 1....	11,798	2,422	11-12....	8,088	2,197	20....	1,758	831
2....	9,977	1,207	13....	4,305	838	21....	1,081	772
3....	10,309	2,173	14....	4,766	1,177	22-23-24....	3,681	1,904
4....	6,487	1,077	15....	4,470	1,001	25....	3,269	357
5....	4,974	2,227	16....	3,881	1,765	26....	4,748	1,223
6....	3,511	3,217	17....	3,937	1,178	27....	2,974	1,041
7-8....	9,076	3,586	18-19....	6,651	1,021	28....	1,973	1,220
9....	4,733	2,547	20....	3,711	1,620			
10....	7,614	1,117	21....	5,089	1,093			

FOREIGN EXPORTS OF HOG PRODUCT.

Weekly Foreign Exports of Hog Product from seven Atlantic seaboard ports, as reported by J. C. BROWN, Statistician, New York Produce Exchange:

DATES.	1890-91			1889-90		
	Pork, bbls.	Lard, lbs.	Meats, lbs.	Pork, bbls.	Lard, lbs.	Meats, lbs.
November 8.....	6,271	7,803,543	10,380,939	4,040	8,640,423	8,234,727
15.....	5,361	8,278,094	7,978,020	4,289	8,893,045	10,964,546
22.....	8,213	5,959,526	14,559,350	3,944	7,117,465	11,706,913
29.....	8,687	10,277,818	13,037,435	3,970	7,605,537	9,848,837
December 6.....	5,073	13,311,085	14,708,215	4,064	9,375,606	12,982,334
13.....	6,560	11,869,559	9,543,068	5,393	10,894,071	13,574,953
20.....	7,950	12,501,545	13,779,179	5,807	8,973,859	11,382,083
27.....	7,150	12,696,565	13,338,545	5,812	7,382,459	7,375,795
January 3.....	5,543	10,194,025	11,328,670	7,430	8,098,763	14,602,242
10.....	5,792	14,136,238	14,450,930	6,345	14,582,862	13,414,196
17.....	5,796	6,981,608	12,050,200	5,259	6,029,977	11,280,894
24.....	5,605	10,430,631	13,434,928	7,611	9,937,874	10,147,514
31.....	7,562	7,632,589	16,647,446	8,058	7,800,253	12,610,694
February 7.....	4,948	9,964,868	13,232,710	6,289	11,586,861	14,094,105
14.....	10,473	11,500,809	15,526,997	10,752	13,378,206	16,731,129
21.....	10,895	14,748,297	13,846,794	5,112	9,814,972	9,113,761
28.....	8,946	12,807,385	13,574,184	5,054	11,918,626	13,093,841
March 7.....	5,280	15,603,811	12,086,541	8,110	11,895,698	8,872,092
14.....	6,971	14,368,575	17,301,038	6,594	13,125,795	10,307,064
21.....	8,621	10,456,986	15,471,230	5,690	7,291,652	12,268,171
28.....	7,852	9,790,389	17,041,585	7,809	11,403,847	11,791,944
April 4.....	6,503	11,416,237	16,984,832	6,271	10,737,257	10,946,856
11.....	4,750	7,462,820	14,212,072	5,942	7,020,581	8,143,320
18.....	7,281	8,931,744	10,896,620	5,142	8,908,732	8,726,565
25.....	5,058	7,917,054	6,826,820	3,798	7,171,318	10,130,719
May 2.....	4,698	7,873,345	9,905,823	5,402	6,691,756	9,262,704
9.....	7,031	6,111,990	9,227,423	3,746	8,130,392	9,612,171
16.....	2,489	5,084,365	7,588,920	3,435	5,982,466	9,527,534
23.....	6,092	5,433,221	9,215,150	4,964	8,953,460	9,325,021
30.....	3,544	4,685,305	6,632,943	3,680	4,561,161	8,388,092
June 6.....	4,425	5,054,503	7,882,955	3,055	7,289,913	10,027,634
13.....	4,438	5,108,953	6,254,505	3,753	6,953,001	11,188,151
20.....	4,360	6,358,914	9,512,090	3,422	6,422,617	8,353,078
27.....	4,877	6,110,325	8,216,510	3,694	8,325,482	11,185,951
July 4.....	2,071	7,168,083	7,555,894	2,460	9,290,771	10,903,384
11.....	6,430	7,940,535	9,701,725	2,273	8,808,539	10,861,916
18.....	7,773	5,518,034	11,735,162	2,176	8,191,961	8,415,471
25.....	5,029	6,616,542	9,701,264	2,390	8,397,408	9,260,573
August 1.....	2,763	3,679,745	9,581,290	2,205	7,674,600	10,990,126
8.....	6,307	5,135,732	10,047,465	1,037	8,902,733	9,798,806
15.....	6,012	3,843,242	7,792,550	1,123	6,963,011	6,626,427
22.....	4,613	4,302,785	9,155,325	4,902	10,427,794	11,215,448
29.....	3,943	6,547,960	13,733,030	5,185	8,729,159	12,893,262
September 5.....	6,342	9,153,807	12,862,961	4,620	11,267,682	7,840,083
12.....	3,394	7,503,390	7,622,050	11,515	10,777,487	13,048,072
19.....	5,727	10,469,900	8,446,850	8,874	11,197,323	12,111,072
26.....	2,324	8,081,826	7,817,381	8,446	11,706,268	15,244,228
October 3.....	6,306	6,896,771	7,704,750	7,913	8,761,722	15,489,425
10.....	5,598	7,696,279	5,605,425	6,470	11,385,976	9,275,080
17.....	6,065	7,827,141	8,276,628	8,413	9,764,080	10,999,575
24.....	5,757	6,067,100	8,896,335	7,526	5,656,670	10,900,375
31.....	3,895	6,400,385	7,805,190	7,541	6,396,453	11,002,775

Annual Exports of Hog Product from the United States, representing pounds, for provision trade years ending October 31:

KINDS.	1890-91	1889-90	1888-89	1887-88	1886-87	1885-86	1884-85
Bacon.....	484,000,000	536,000,000	430,000,000	311,000,000	373,000,000	367,000,000	360,000,000
Hams.....	81,000,000	84,000,000	50,000,000	42,000,000	52,000,000	54,000,000	55,000,000
Pork.....	77,000,000	80,000,000	73,000,000	57,000,000	65,000,000	104,000,000	80,000,000
Total Meats.....	642,000,000	700,000,000	553,000,000	410,000,000	490,000,000	525,000,000	495,000,000
Lard.....	442,000,000	512,000,000	368,000,000	276,000,000	324,000,000	298,000,000	301,000,000
Total Product.....	1,084,000,000	1,212,000,000	921,000,000	686,000,000	814,000,000	823,000,000	796,000,000

CINCINNATI PORK PACKING.

Details of Pork Packing, at Cincinnati, for the year ending March 1, 1891, compared with 1889-90, in accordance with the report of the Superintendent of the Cincinnati Chamber of Commerce, submitted March 25:

WINTER PACKING.			SUMMER PACKING.		
NOVEMBER 1 TO MARCH 1—FOUR MONTHS.			MARCH 1 TO NOVEMBER 1—EIGHT MONTHS		
	1890-91	1889-90		1890	1889
Whole number of Hogs packed..	301,034	271,513	Whole number of Hogs packed	222,756	193,043
Increase, head.....	29,541		Aggregate gross weight, lbs....	50,767,017	45,432,283
Equivalent to Hogs of the weight			Average gross weight, lbs.....	227	235.45
of 1889-90, number.....	280,565	69,313,567	Aggregate yield of Lard from		
Aggregate gross weight, lbs.....	71,622,724		head, gut, leaf and trim-		
Increase, lbs.....	2,309,167		mings, lbs.....	11,455,070	11,647,474
Average gross weight, lbs.....	237.90	255.28	Average yield of Lard from		
Decrease, lbs.....	17.38		head, gut, leaf and trim-		
Aggregate yield of Lard from			mings, lbs.....	51.42	60.33
head, gut, leaf and trimmings,			Aggregate cost.....	\$2,027,624	\$2,003,753
lbs.....	9,644,047	10,292,911	Average cost per 100 lbs. gross.	4 00.97	4 40.84
Decrease, lbs.....	648,864				
Average yield of Lard from head,					
gut, leaf and trimmings, lbs....	32.03	37.90			
Decrease, lbs.....	5.87				
Aggregate cost.....	\$2,607,089	\$2,505,357			
Increase.....	11,732				
Average cost per 100 lbs. gross...	3 64.00	3 74.43			
Decrease.....	10.43				
BARRELED PORK PRODUCED.			BARRELED PORK PRODUCED.		
KINDS.	1890-91	1889-90	KINDS.	1890	1889
Mess Pork.....bbls.....	670	837	Mess.....bbls.....		
Prime Mess.....bbls.....			Prime Mess.....bbls.....		
Extra Prime.....bbls.....	432		Rump.....bbls.....		
Light Mess.....bbls.....			Other kinds.....bbls.....	227	
Family Mess.....bbls.....	498	67	Total.....	227	
Extra Shoulder.....bbls.....					
Extra Clear.....bbls.....	160	48			
Clear.....bbls.....	37	16			
Clear Family Mess.....bbls.....	511	39			
Rump.....bbls.....					
Total.....	2,308	1,007			
Increase.....	1,301				
PACKAGES OF LARD PRODUCED.			PACKAGES OF LARD PRODUCED.		
PACKAGES.	1890-91	1889-90	PACKAGES.	1890	1889
Tierces.....	27,524	28,986	Tierces.....	33,015	33,359
Barrels.....	21	18	Buckets.....		
Kegs.....	20	150			
Buckets.....	5,779	5,521			
PACKAGES OF LARD PRODUCED.			PRODUCTION OF CUT MEATS (GREEN WEIGHT), WINTER SEASON.		
PACKAGES.	1890-91	1889-90	KINDS.	1890-91 lbs.	1889-90 lbs.
Short Clear Sides.....	3,809,357	4,456,370	Short Clear Sides.....	3,809,357	4,456,370
Short Rib.....	7,013,202	7,547,179	Short Rib.....	7,013,202	7,547,179
Long Clear.....	906,176	819,785	Long Clear.....	906,176	819,785
*Other kinds of sides.....	3,622,132	3,677,354	*Other kinds of sides.....	3,622,132	3,677,354
Hams.....	8,901,323	8,645,864	Hams.....	8,901,323	8,645,864
Shoulders.....	5,657,616	5,491,182	Shoulders.....	5,657,616	5,491,182
Total.....	30,029,806	30,637,734	Total.....	30,029,806	30,637,734
Decrease.....	607,928		Decrease.....	607,928	

* Including rough sides and bellies.

CINCINNATI PACKING COMPARISONS.

Total number of Hogs Packed, at Cincinnati, each winter season, in fifty-nine years, as indicated:

YEARS.	Winter.	YEARS.	Winter.	YEARS.	Winter.	YEARS.	Winter.
1832-33.....	85,000	1847-48.....	475,000	1862-63.....	608,457	1877-78.....	682,302
1833-34.....	123,000	1848-49.....	410,000	1863-64.....	370,623	1878-79.....	623,584
1834-35.....	162,000	1849-50.....	393,000	1864-65.....	350,600	1879-80.....	594,559
1835-36.....	123,000	1850-51.....	334,000	1865-66.....	354,079	1880-81.....	522,425
1836-37.....	103,000	1851-52.....	352,000	1866-67.....	462,610	1881-82.....	394,878
1837-38.....	182,000	1852-53.....	361,000	1867-68.....	366,831	1882-83.....	425,400
1838-39.....	190,000	1853-54.....	431,000	1868-69.....	356,555	1883-84.....	365,451
1839-40.....	95,000	1854-55.....	355,786	1869-70.....	337,330	1884-85.....	385,435
1840-41.....	160,000	1855-56.....	405,396	1870-71.....	481,560	1885-86.....	332,696
1841-42.....	220,000	1856-57.....	344,512	1871-72.....	630,301	1886-87.....	331,401
1842-43.....	250,000	1857-58.....	446,677	1872-73.....	626,305	1887-88.....	309,588
1843-44.....	240,000	1858-59.....	382,826	1873-74.....	581,253	1888-89.....	300,082
1844-45.....	196,000	1859-60.....	434,499	1874-75.....	560,164	1889-90.....	271,513
1845-46.....	305,000	1860-61.....	433,799	1875-76.....	563,359	1890-91.....	301,054
1846-47.....	250,000	1861-62.....	474,467	1876-77.....	523,576		

Total number of Hogs Packed, at Cincinnati, each summer season, March 1 to November 1, 1871, to 1890, inclusive:

1871.....	87,515	1876.....	121,173	1881.....	121,670	1886.....	148,124
1872.....	94,260	1877.....	134,416	1882.....	81,916	1887.....	165,830
1873.....	88,595	1878.....	154,517	1883.....	124,183	1888.....	140,547
1874.....	136,153	1879.....	149,934	1884.....	127,581	1889.....	193,043
1875.....	118,783	1880.....	110,556	1885.....	134,768	1890.....	222,756

Total number of Hogs Packed, at Cincinnati, each year, ending March 1, 1871-72, to 1890-91, inclusive:

1871-72.....	717,816	1876-77.....	644,749	1881-82.....	508,548	1886-87.....	479,525
1872-73.....	720,565	1877-78.....	766,718	1882-83.....	507,316	1887-88.....	475,418
1873-74.....	669,648	1878-79.....	778,101	1883-84.....	489,634	1888-89.....	440,629
1874-75.....	696,317	1879-80.....	684,493	1884-85.....	513,016	1889-90.....	464,556
1875-76.....	682,142	1880-81.....	632,981	1885-86.....	467,464	1890-91.....	523,810

Average Live Weight, and Yield of Lard of all kinds, of Hogs Packed, at Cincinnati, during winter seasons:

YEARS.	Weight.	Lard.	YEARS.	Weight.	Lard.	YEARS.	Weight.	Lard.
1861-62.....	281.20	38.36	1871-72.....	289.20	41.02	1881-82.....	263.93	36.79
1862-63.....	253.75	34.55	1872-73.....	304.90	45.67	1882-83.....	275.61	37.07
1863-64.....	236.13	30.88	1873-74.....	280.70	39.70	1883-84.....	262.08	34.13
1864-65.....	251.40	32.27	1874-75.....	278.25	41.77	1884-85.....	265.91	34.69
1865-66.....	298.22	43.36	1875-76.....	273.68	37.80	1885-86.....	272.22	36.08
1866-67.....	290.35	40.67	1876-77.....	274.71	38.20	1886-87.....	265.45	35.06
1867-68.....	262.71	33.56	1877-78.....	284.06	40.96	1887-88.....	249.58	32.51
1868-69.....	267.96	33.55	1878-79.....	270.58	36.84	1888-89.....	270.10	37.85
1869-70.....	282.91	36.16	1879-80.....	266.31	36.18	1889-90.....	255.28	37.90
1870-71.....	298.80	42.62	1880-81.....	268.37	39.46	1890-91.....	237.20	32.03

MOVEMENT OF LIVE STOCK.

Monthly and yearly receipts and shipments of Hogs, Cattle and Sheep, and average live weight, at the Cincinnati Union Stock Yards:

MONTHS.	HOGS.				CATTLE.				SHEEP.			
	Receipts.		Shipments.		Receipts.		Shipments.		Receipts.		Shipments.	
	1890-91	1889-90	1890-91	1889-90	1890-91	1889-90	1890-91	1889-90	1890-91	1889-90	1890-91	1889-90
September	42,535	33,957	17,377	14,196	17,539	15,153	5,213	2,790	28,170	25,297	18,018	14,425
October	77,586	53,727	39,707	24,608	20,396	18,732	7,204	6,410	22,109	17,394	11,058	8,484
November	104,060	91,970	37,801	28,464	14,854	16,241	6,221	6,978	12,030	10,167	5,301	4,393
December	127,235	99,984	41,680	33,701	18,023	13,499	7,999	3,816	11,781	9,547	7,130	5,424
January	103,097	99,489	30,543	31,476	13,836	12,902	5,405	2,790	8,281	6,493	4,309	2,157
February	61,138	47,943	26,263	24,822	11,123	9,615	2,283	1,426	4,729	6,257	1,001	1,525
March	58,731	47,862	21,977	23,104	12,067	11,690	2,458	1,531	4,439	3,696	466	644
April	48,584	61,913	22,853	33,209	13,282	10,557	2,654	1,813	4,733	4,914	337	932
May	36,270	58,184	16,623	32,311	14,337	13,415	5,179	3,471	17,556	26,179	9,583	18,505
June	21,637	46,869	9,725	22,964	13,650	16,277	5,064	6,755	52,627	58,149	37,222	49,033
July	21,367	46,114	8,492	21,024	12,514	14,873	3,441	5,158	75,776	91,113	55,182	74,636
August	21,991	39,005	12,356	16,608	12,310	12,302	3,245	2,758	79,778	46,436	62,461	38,075
Total, 1890-91	724,231	727,017	285,337	306,487	173,931	165,256	56,357	45,696	322,009	305,642	212,068	218,233

YEARS.	HOGS.			CATTLE.			SHEEP.		
	Receipts.	Shipm'ts.	Weight.	Receipts.	Shipm'ts.	Weight.	Receipts.	Shipm'ts.	Weight.
1873-74.....	873,263	259,397	248.34	112,393	30,546	952.22	139,280	83,894	80.93
1874-75.....	725,162	130,012	255.14	133,695	44,837	944.63	159,302	91,121	81.04
1875-76.....	680,362	144,205	251.90	144,600	52,308	965.24	180,389	127,982	79.72
1876-77.....	633,749	143,650	257.58	149,781	63,439	949.08	172,084	123,235	78.23
1877-78.....	793,863	175,103	260.26	142,851	52,902	974.30	274,027	207,103	75.98
1878-79.....	892,686	208,406	242.77	158,869	63,824	986.46	328,897	244,152	82.99
1879-80.....	785,819	218,185	243.86	180,921	76,950	981.60	350,992	263,252	80.80
1880-81.....	805,404	249,590	237.90	186,632	73,556	951.73	324,727	238,167	78.84
1881-82.....	623,546	155,417	240.47	173,404	61,762	893.05	579,428	484,443	79.35
1882-83.....	644,194	187,140	247.18	154,956	55,950	969.19	531,074	424,476	78.88
1883-84.....	693,056	232,450	228.10	156,197	49,278	984.68	485,333	361,127	80.50
1884-85.....	695,794	224,220	237.14	143,805	39,550	987.33	448,929	332,238	78.59
1885-86.....	631,695	182,085	239.17	161,479	50,755	980.04	469,629	348,891	78.18
1886-87.....	666,444	224,901	229.14	152,607	35,716	1,000.56	409,972	293,401	76.07
1887-88.....	655,508	234,621	217.87	157,045	37,828	988.09	340,438	238,891	77.22
1888-89.....	678,188	256,061	233.71	151,522	32,232	989.94	334,194	237,314	77.23
1889-90.....	727,017	305,487	212.71	165,256	45,696	998.31	305,642	218,233	75.44
1890-91.....	724,231	285,337	201.37	173,931	56,357	949.76	322,009	212,068	75.29

Monthly average live weight of Hogs, Cattle and Sheep weighed at the Cincinnati Union Stock Yards:

MONTHS.	HOGS.		CATTLE.		SHEEP.	
	1890-91	1889-90	1890-91	1889-90	1890-91	1889-90
September	196.51	223.72	928.59	984.47	75.47	79.44
October	195.37	217.25	944.95	1,045.02	79.91	80.93
November	207.51	230.89	1,105.00	1,054.14	83.48	84.72
December	218.00	240.58	1,002.07	1,044.05	90.50	90.07
January	218.46	235.21	975.53	997.18	90.40	85.81
February	203.39	199.63	961.14	1,003.17	81.38	82.24
March	185.86	184.44	955.28	1,007.86	82.55	81.95
April	173.63	183.32	945.15	1,015.10	75.27	77.35
May	182.14	184.32	936.26	932.30	70.46	70.84
June	181.24	193.91	933.02	956.63	72.73	71.77
July	177.04	203.19	914.01	957.53	71.88	71.96
August	178.49	195.33	884.58	935.42	73.76	76.14
Average for 1890-91.....	201.37	212.71	949.76	998.31	75.29	75.44

MOVEMENT OF LIVE STOCK.

Monthly receipts and shipments of Hogs, Cattle and Sheep, at the Eggleston Avenue Stock Yards, Slimer's Stock Yards (Cincinnati), Covington Stock Yards and Banner Stock Yards (Covington), for two years, each year ending August 31:

MONTHS.	EGGLESTON AVENUE STOCK YARDS.						SLIMER'S STOCK YARDS.					
	HOGS.		CATTLE.		SHEEP.		HOGS.		CATTLE.		SHEEP.	
	1890-91	1889-90	1890-91	1889-90	1890-91	1889-90	1890-91	1889-90	1890-91	1889-90	1890-91	1889-90
September	740	1,279	16	12	50	95	5,964	3,618	445	466	1,188	1,117
October	2,313	1,692	20	20	50	205	5,809	5,051	438	539	1,058	1,030
November	7,430	6,248	7	2	33	40	9,986	9,268	506	528	1,033	1,088
December	6,915	7,479	25	13	92	45	8,942	7,541	467	444	1,049	1,040
January	6,768	6,980	15	20	99	18	7,735	7,062	439	434	1,048	1,024
February	2,223	2,546	6	16	2	26	2,724	4,849	422	407	1,065	1,022
March	814	2,085	..	2	..	27	2,850	4,444	457	405	1,114	1,320
April	312	898	4	11	..	11	3,576	5,194	381	399	1,045	1,185
May	314	716	..	32	79	90	3,326	5,414	590	419	1,209	1,199
June	183	712	5	15	29	147	3,310	3,929	477	417	1,155	1,356
July	174	1,090	..	14	16	50	2,704	3,754	519	411	1,184	1,272
August	365	827	1	5	16	61	3,188	6,016	586	488	1,919	1,440
Totals	28,551	32,552	99	162	466	815	60,114	66,170	5,726	5,357	14,097	14,093

MONTHS.	COVINGTON STOCK YARDS.						BANNER STOCK YARDS.					
	HOGS.		CATTLE.		SHEEP.		HOGS.		CATTLE.		SHEEP.	
	1890-91	1889-90	1890-91	1889-90	1890-91	1889-90	1890-91	1889-90	1890-91	1889-90	1890-91	1889-90
September	3,281	886	2,311	2,852	2,810	2,878	1,440	191	484	274	878	433
October	9,210	7,372	5,248	2,840	2,676	1,040	2,983	1,215	637	450	402	49
November	14,694	14,874	3,181	3,422	2,191	552	4,426	4,767	260	244	449	37
December	9,386	8,204	2,529	2,089	1,767	178	3,891	3,262	313	250	238	73
January	4,090	5,070	1,094	864	683	396	1,286	1,832	93	151	98	6
February	1,297	2,403	938	929	334	283	32	877	67	151	24	16
March	806	5,200	330	893	303	462	194	732	85	173	10	97
April	1,488	5,452	723	2,636	444	277	273	2,589	242	153	30	11
May	2,159	3,938	1,348	2,573	8,916	15,668	1,281	1,354	167	183	94	138
June	1,113	2,753	1,164	2,485	13,528	53,072	459	2,154	184	277	2,280	1,073
July	465	3,518	1,828	2,165	12,063	57,018	138	802	299	326	1,559	4,009
August	679	4,661	1,222	2,716	4,502	24,067	277	806	350	371	1,568	1,752
Totals	49,298	64,331	21,866	26,464	50,257	155,841	16,710	20,781	3,151	2,583	7,690	8,274

Total receipts of Hogs, Cattle and Sheep, at the several Stock Yards at Cincinnati and Covington, for two years, ending August 31:

YARDS.	HOGS.		CATTLE.		SHEEP.	
	1890-91	1889-90	1890-91	1889-90	1890-91	1889-90
Cincinnati Union	724,231	727,017	173,931	165,256	322,009	305,642
Farmers' and Drovers'	51,764	..	11,849	..	231,298	..
Eggleston Avenue	28,551	32,552	99	162	466	815
Slimer's	60,114	66,170	5,726	5,357	14,097	14,093
Covington	49,298	64,331	21,866	26,464	50,257	155,841
Banner	16,710	20,581	3,151	2,983	7,690	8,274
Total receipts	930,668	910,651	216,622	200,222	625,817	484,665

NOTE.—The Farmers' and Drovers' Stock Yards were opened May 16, 1891: the receipts shown represent three and one-half months.

WINTER PACKING BY CITIES AND STATES.

The following shows the Number of Hogs Packed in each of the ten large Cities mentioned, and in each of the States mentioned, the latter being exclusive of the large cities stated separately, with the average Live Weight of Hogs, per head, Yield of Lard, and Cost per 100 pounds gross, for the period from November 1 to March 1, with comparisons, according to special investigations and compilations by the *Cincinnati Price Current*:

CITIES AND STATES.	Number of Hogs Packed.		Average Live Weight.		Average Yield of Lard.		Average Cost per 100 lbs.	
	1890-91	1889-90	1890-91	1889-90	1890-91	1889-90	1890-91	1889-90
Chicago.....	2,837,624	2,179,410	243.54	253.51	35.98	40.66	\$3.63	\$3.75
Kansas City.....	936,760	681,710	236.06	244.02	35.48	32.96	3.46	3.65
South Omaha.....	584,324	373,013	243.49	273.12	35.76	41.85	3.41	3.89
Milwaukee.....	337,768	300,729	230.61	241.34	26.48	27.17	3.56	3.68
Indianapolis.....	315,233	325,800	235.58	228.23	32.77	32.50	3.72	3.79
Cincinnati.....	301,034	271,513	237.90	255.28	32.03	37.90	3.64	3.74
St. Louis.....	291,332	348,810	211.91	241.48	33.41	32.16	3.65	3.69
Cedar Rapids.....	285,299	223,783	225.00	249.00	28.00	38.50	3.46	3.55
Sioux City.....	224,973	237,436	259.10	263.46	35.89	35.92	3.39	3.55
Louisville.....	113,468	105,512	240.79	256.59	29.98	33.23	3.60	3.66
Ten cities.....	6,227,835	5,107,776	240.71	251.08	34.12	37.15	\$3.57	\$3.70
Ohio.....	303,949	170,874	213.67	231.77	26.75	29.71	\$3.51	\$3.68
Indiana.....	57,159	41,047	229.57	267.10	27.00	35.01	3.45	3.47
Illinois.....	170,490	97,006	261.01	266.23	33.81	36.94	3.44	3.53
Iowa.....	618,630	492,096	240.97	251.05	34.19	35.57	3.46	3.52
Missouri.....	101,786	96,111	248.76	264.09	33.09	35.25	3.38	3.52
Kansas.....	111,955	98,820	229.71	262.41	30.85	34.66	3.28	3.49
Nebraska.....	151,549	152,881	265.49	281.41	35.84	38.52	3.47	3.63
Minnesota.....	157,971	160,500	219.72	223.34	30.48	31.40	3.39	3.57
Wisconsin.....	41,061	28,852	254.66	272.85	31.35	34.97	3.32	3.44
Michigan.....	103,932	62,661	227.18	241.85	15.50	27.17	3.39	3.37
Kentucky.....	11,800	12,297	238.02	267.46	24.56	30.10	3.29	3.42
Tennessee.....	4,000	16,881	290.00	278.51	35.00	36.97	3.75	3.49
Miscellaneous.....	111,000	101,000	222.25	224.81	25.31	27.88	3.80	3.90
Interior.....	1,945,291	1,556,026	236.69	250.38	31.31	33.80	\$3.45	\$3.57
Aggregate.....	8,173,126	6,663,802	239.75	250.92	33.45	36.37	\$3.54	\$3.66

STOCKS OF HOG PRODUCT.

Total Stocks of Hog Product in the West, on March 1, yearly, according to special reports of the *Cincinnati Price Current*:

YEARS.	Meats, pounds.	Pork, pounds.	Meats and Pork, lbs.	Lard, pounds.	Lard tierces.	Total Product, lbs.
1881.....	317,040,000	57,000,000	374,040,000	59,070,000	179,000	433,110,000
1882.....	296,012,000	74,480,000	370,492,000	75,240,000	228,000	445,732,000
1883.....	328,880,000	80,845,000	409,725,000	68,079,000	206,300	477,804,000
1884.....	240,875,000	55,884,000	296,759,000	65,967,000	199,900	362,726,000
1885.....	323,039,000	66,591,000	389,631,000	63,545,000	192,500	453,166,000
1886.....	327,315,000	81,579,000	408,894,000	74,802,000	226,700	483,696,000
1887.....	290,190,000	53,902,000	344,092,000	57,859,000	175,300	401,951,000
1888.....	310,905,000	46,663,000	357,568,000	46,899,000	142,100	404,467,000
1889.....	299,777,000	45,157,000	346,000,000	29,600,000	89,800	365,600,000
1890.....	336,000,000	44,000,000	380,000,000	31,000,000	103,000	414,000,000
1891.....	531,000,000	88,000,000	619,000,000	78,000,000	238,000	697,000,000

YEARLY COMPARISONS OF PORK PACKING.

Total number of Hogs Packed in the West during the summer and winter seasons, and for twelve months ending March 1, with yearly production of Green Meats and Lard, and aggregate Cost of Hogs, according to special reports of the *Cincinnati Price Current*:

YEARS.	Summer Season.	Winter Season.	Year ending March 1.	Green Meats Produced.	Total Lard Produced.	Total Cost of Hogs.
1872-73	505,500	5,419,311	5,915,814	955,390,000	224,810,000	\$64,135,000
1873-74	1,062,916	5,466,200	6,529,116	978,880,000	228,610,000	75,502,000
1874-75	1,200,444	5,506,226	6,706,670	993,747,000	231,180,000	112,943,000
1875-76	1,262,343	4,890,135	6,142,478	900,407,000	208,831,000	116,407,000
1876-77	2,307,866	5,101,308	7,409,174	1,068,450,000	243,919,000	115,965,000
1877-78	2,543,120	6,505,146	9,048,266	1,368,612,000	336,557,000	106,418,000
1878-79	3,378,044	7,480,648	10,858,692	1,579,311,000	408,702,000	94,380,000
1879-80	4,051,248	6,950,151	11,001,399	1,556,516,000	382,020,000	119,362,000
1880-81	5,323,898	6,919,456	12,243,354	1,694,253,000	409,875,000	134,944,000
1881-82	4,803,689	5,747,770	10,551,449	1,468,368,000	363,772,000	154,422,000
1882-83	3,210,787	6,132,212	9,342,999	1,315,056,000	316,063,000	154,100,000
1883-84	3,781,036	5,402,064	9,183,100	1,280,065,000	318,472,000	122,388,000
1884-85	4,058,868	6,460,240	10,519,108	1,497,357,000	364,375,000	124,754,000
1885-86	4,964,572	6,298,995	11,263,567	1,577,932,000	390,740,000	106,053,000
1886-87	5,644,003	6,439,079	12,083,012	1,619,126,000	394,118,000	119,935,000
1887-88	5,611,526	5,921,181	11,532,707	1,518,677,000	357,755,000	133,037,000
1888-89	5,315,122	5,483,852	10,798,974	1,499,251,000	359,927,000	140,903,000
1889-90	6,881,591	6,693,802	13,545,393	1,885,424,000	489,727,000	134,169,000
1890-91	9,540,008	8,173,126	17,713,134	2,371,376,000	618,752,000	158,445,000

WINTER PACKING COMPARISONS.

Total number of Hogs Packed in the West during winter seasons, and Cost of Hogs, per 100 pounds, live weight, according to special reports of the *Cincinnati Price Current* since 1849, and other data previously mentioned:

YEARS.	Number of Hogs Packed.	Cost per 100 lbs.	YEARS.	Number of Hogs Packed.	Cost per 100 lbs.
1842-43	675,000	....	1867-68	2,781,084	\$6.36
1843-44	1,245,000	....	1868-69	2,499,873	8.18
1844-45	790,000	\$2.65	1869-70	3,635,312	9.22
1845-46	900,000	3.50	1870-71	3,695,251	5.26
1846-47	800,000	2.85	1871-72	4,831,558	4.12
1847-48	1,710,000	2.60	1872-73	5,410,314	3.73
1848-49	1,560,000	3.75	1873-74	5,466,200	4.34
1849-50	1,652,220	2.13	1874-75	5,566,226	6.66
1850-51	1,332,867	3.00	1875-76	4,890,135	7.05
1851-52	1,182,846	3.56	1876-77	5,105,308	5.71
1852-53	2,201,110	4.81	1877-78	6,505,416	3.99
1853-54	2,534,770	3.35	1878-79	7,480,648	2.85
1854-55	2,124,404	3.37	1879-80	6,950,451	4.18
1855-56	2,489,502	4.60	1880-81	6,919,456	4.64
1856-57	1,818,468	4.75	1881-82	5,747,760	6.06
1857-58	2,210,778	3.89	1882-83	6,132,212	6.28
1858-59	2,465,552	5.02	1883-84	5,402,064	5.18
1859-60	2,350,822	4.73	1884-85	6,460,240	4.29
1860-61	2,155,702	4.57	1885-86	6,298,995	3.66
1861-62	2,893,696	3.42	1886-87	6,439,009	4.19
1862-63	4,069,520	3.36	1887-88	5,921,181	5.04
1863-64	3,261,105	5.36	1888-89	5,483,852	4.90
1864-65	2,422,779	11.46	1889-90	6,693,802	3.66
1865-66	1,785,955	9.34	1890-91	8,173,126	3.54
1866-67	2,490,791	5.78			

PORK PACKING IN THE WEST.

Number of Hogs Packed in the West during the winter season, November 1 to March 1, 1890-91, with comparisons for corresponding period in the preceding year, according to compilations by the *Cincinnati Price Current*:

PLACES.	1890-91	1889-90	PLACES.	1890-91	1889-90
OHIO.			IOWA.		
CINCINNATI.....	501,054	271,513	CEDAR RAPIDS.....	285,299	223,783
Akron.....	1,500	1,500	SIOUX CITY.....	224,973	297,434
Bridgeport.....	6,363	5,450	Atlantic.....	29,908	27,502
Chillicothe.....	5,840	5,341	Boone.....	23,000	3,000
Circleville.....	202,592	104,933	Burlington.....	5,000	3,000
Cleveland.....	19,405	8,500	Council Bluffs.....	3,000	20,000
Delphos.....	500	500	Davenport.....	2,000	22,000
Fremont.....	5,000	3,650	Des Moines.....	67,000	53,775
Hamilton.....	5,700	5,800	Dubuque.....	103,274	100,000
Lancaster.....	2,000	1,200	Fort Dodge.....	11,500	13,752
Lima.....	1,200	1,000	Fort Madison.....	2,500	1,600
Logan.....	550	750	Iowa City.....	30,451	80,500
McConnelville.....	512	500	Keokuk.....	90,435	27,307
Marietta.....	800	500	Marshalltown.....	33,451	4,000
Minster.....	2,500	3,000	Muscatine.....	4,000	23,266
New Bremen.....	5,800	4,000	Oskaloosa.....	37,251	115,394
Piqua.....	750	700	Ottumwa.....	134,000	21,860
Pomeroy.....	600	500	Sabula.....	21,860	.....
Sandusky.....	1,650	1,150	Total, Iowa.....	1,128,902	1,013,315
Sidney.....	3,000	2,600	Exclusive of 2 large points.	618,630	492,092
Springfield.....	1,500	2,500	MISSOURI.		
Toledo.....	13,487	14,000	KANSAS CITY.....	936,760	681,710
Troy.....	1,200	550	ST. LOUIS.....	291,332	348,810
Waterford.....	23,500	21,150	Cape Girardeau.....	1,700	1,500
Xenia.....	23,500	21,150	Chillicothe.....	1,700	1,300
Total, Ohio.....	605,003	462,387	Jackson.....	1,734	611
Interior.....	303,949	190,874	Marshall.....	1,150	1,500
INDIANA.			Palmyra.....	947	700
INDIANAPOLIS.....	315,233	325,800	Sedalia.....	3,000	2,500
Evansville.....	13,000	12,170	Springfield.....	90,000	86,000
Ferdinand.....	1,500	500	St. Joseph.....	1,555	2,000
Fort Wayne.....	15,000	1,000	Washington.....	1,555	2,000
Greensburg.....	2,800	800	Total, Missouri.....	1,329,878	1,126,631
Huntingburg.....	850	800	Interior.....	101,786	96,111
Lafayette.....	16,000	6,000	KANSAS.		
Logansport.....	5,500	2,000	Atchison.....	9,300	11,888
Mount Vernon.....	2,500	8,980	Hutchinson.....	29,425	19,830
New Castle.....	.....	9,587	Leavenworth.....	8,000	5,000
Vincennes.....	.....	.....	Troy.....	2,000	650
Total, Indiana.....	372,392	366,847	Wichita.....	63,230	61,452
Interior.....	57,159	41,047	Total, Kansas.....	111,955	98,820
ILLINOIS.			NEBRASKA.		
CHICAGO.....	2,837,624	2,179,440	SOUTH OMAHA.....	584,324	373,043
Alton.....	2,300	2,500	Lincoln.....	23,549	59,241
Barry.....	6,600	4,000	Nebraska City.....	128,000	93,640
Bloomington.....	48,013	8,585	Total, Nebraska.....	735,873	525,924
Fairfield.....	2,300	1,450	Exclusive of South Omaha	151,549	152,881
Galeua.....	40,000	33,000	MINNESOTA.		
Peoria.....	11,935	10,262	Minneapolis.....	.....	5,000
Quincy.....	46,486	35,834	Owatonna.....	5,424	7,802
Rock Island.....	10,431	.....	South St. Paul and St. Paul.....	152,517	147,698
Trentopolis.....	725	475	Total, Minnesota.....	157,971	160,500
Virginia.....	500	400			
Warsaw.....	600	500			
Total, Illinois.....	3,068,114	2,276,416			
Interior.....	170,490	97,006			

PORK PACKING IN THE WEST—Continued.

PLACES.	1890-91	1889-90	PLACES.	1889-90	1890-91
MICHIGAN.			WISCONSIN.		
Adrian.....	2,000	1,500	MILWAUKEE.....	300,729	337,768
Bay City.....	3,447	1,200	Eau Claire.....	6,000	8,385
Detroit.....	72,085	43,311	Fond du Lac.....	1,800	3,000
East Saginaw and Saginaw.....	5,000	3,800	Jefferson.....	8,552	9,076
Flint.....	1,200	1,000	La Crosse.....	11,000	19,286
Grand Rapids.....	15,000	10,000	Menomonie.....	1,500	1,314
Jackson.....	1,200	.....	Total, Wisconsin.....	329,581	378,829
Kalamazoo.....	500	600	Interior.....	28,852	41,061
Owosso.....	3,500	1,250	TENNESSEE.		
Total, Michigan.....	103,732	62,661	Knoxville.....	5,800	4,000
KENTUCKY.			Nashville.....	11,081	.....
LOUISVILLE.....	113,468	105,512	Total, Tennessee.....	16,881	4,000
Bowling Green.....	2,500	4,097	MISCELLANEOUS.		
Danville.....	350	700	Pittsburgh, Pa.....	45,000	50,000
Elizabethtown.....	2,000	1,500	Wheeling, W. Va.....	26,000	23,000
Frankfort.....	2,300	2,000	Denver, Col.....	35,000	38,000
Glasgow.....	1,200	.....	Total, Miscellaneous.....	106,000	111,000
Lexington.....	.....	2,500	Aggregate, in the West.		
Paducah.....	2,800	1,500		6,663,802	8,173,126
Stanford.....	659	.....		
Total, Kentucky.....	125,277	117,809			
Interior.....	11,809	12,297			

Number of Hogs Packed in the West during the summer season, March 1 to November 1, 1890, with comparisons for corresponding period in the preceding year, according to compilations by the *Cincinnati Price Current*:

PLACES.	1890	1889	PLACES.	1890	1889
Chicago.....	3,234,035	2,294,027	Keokuk, Iowa.....	71,425	65,500
Kansas City.....	1,462,004	1,026,838	Atlantic, Iowa.....	62,500	34,415
South Omaha.....	943,547	679,693	Marshalltown, Iowa.....	44,196	25,913
Sioux City.....	430,320	311,078	Atchison, Kan.....	22,685	.....
Indianapolis.....	421,000	314,503	Oskaloosa, Iowa.....	15,821	.....
Milwaukee.....	380,957	281,302	Quincy, Ill.....	17,544	7,700
St. Louis.....	356,768	390,792	Peoria, Ill.....	15,560	10,698
Cedar Rapids.....	235,775	197,625	Dayton, O.....	18,000	9,640
Cincinnati.....	222,756	193,043	Hamilton, O.....	9,000	.....
Cleveland.....	222,000	179,243	Pittsburgh, Pa.....	10,000	.....
Wichita, Kan.....	193,698	71,834	La Crosse, Wis.....	5,189	.....
Ottumwa, Iowa.....	183,300	140,954	Burlington, Iowa.....	3,400	1,600
South St. Paul and St. Paul.....	182,861	151,800	Lafayette, Ind.....	3,000	.....
Nebraska City, Neb.....	139,348	104,247	Springfield, O.....	2,000	3,000
Louisville, Ky.....	98,347	68,000	Chillicothe, O.....	.....	1,490
St. Joseph, Mo.....	93,000	102,000	Fremont, Neb.....	.....	13,053
Lincoln, Neb.....	89,108	81,000	Denver, Col.....	61,000	65,000
Detroit, Mich.....	81,544	.....	Aggregate.....		
Des Moines, Iowa.....	74,879	40,112		9,540,008	6,881,501
Hutchinson, Kan.....	73,441	15,401			

PRICES OF CATTLE AND SHEEP.

Quotations for Cattle, fair to medium quality, and Sheep, good to extra quality, per 100 pounds, alive, at Cincinnati, on Tuesday of each week, in three years:

CATTLE.				SHEEP.			
DATES.	1890-91	1889-90	1888-89	DATES.	1890-91	1889-90	1888-89
September 2..	\$2 25@3 25	\$2 25@3 00	\$3 00@4 00	September 2..	\$3 75@4 75	\$3 75@4 75	\$3 50@4 50
9..	2 25@3 15	2 25@3 00	3 00@3 75	9..	3 75@4 75	3 75@4 85	3 50@4 50
16..	2 50@3 35	2 25@3 15	2 75@3 75	16..	4 00@4 75	4 00@5 00	3 25@4 50
23..	2 00@3 35	2 2 30 00	2 50@3 50	23..	4 00@5 00	4 50@5 25	3 25@4 50
30..	2 25@3 25	2 00@2 75	2 50@3 25	30..	4 00@5 00	4 25@5 00	3 50@4 50
October 7..	2 00@3 00	2 00@2 75	2 25@3 25	October 7..	4 00@4 75	4 00@5 00	3 50@4 50
14..	1 75@2 75	2 00@2 75	2 25@3 00	14..	4 25@5 00	4 00@5 00	3 25@4 50
21..	2 00@3 00	1 75@2 50	2 25@3 00	21..	4 00@5 00	4 00@5 00	3 25@4 50
28..	1 75@2 25	2 25@3 00	2 25@3 00	28..	3 75@4 75	3 75@5 00	3 25@4 50
November 4..	1 75@2 50	\$2 00@2 75	\$2 25@3 25	November 4..	3 75@4 75	4 00@5 00	3 25@4 50
11..	1 75@2 25	2 00@2 75	2 25@3 00	11..	4 00@4 75	4 00@5 00	4 00@4 75
18..	2 00@3 00	2 00@2 75	2 00@2 75	18..	4 00@4 75	4 00@5 00	3 75@4 75
25..	2 25@3 25	2 00@2 75	2 00@2 75	25..	4 00@4 75	4 25@5 25	3 50@4 75
December 2..	2 00@3 00	2 25@3 00	2 25@3 00	December 2..	4 00@4 75	4 25@5 50	3 75@4 75
9..	2 00@2 75	2 00@3 00	2 25@3 00	9..	4 00@4 75	4 25@5 50	3 50@4 75
16..	1 75@2 50	2 25@3 00	2 25@3 00	16..	4 00@4 75	4 25@5 50	3 75@5 25
23..	2 25@3 25	2 25@3 00	\$2 25@3 00	23..	4 00@4 75	4 25@5 50	3 75@5 25
30..	2 50@3 35	2 25@3 25	\$2 25@3 00	30..	4 00@4 75	4 25@5 50	3 75@5 25
January 6..	2 00@3 50	2 50@3 25	2 25@3 00	January 6..	4 00@5 00	4 25@5 50	4 00@5 25
13..	2 35@3 40	2 50@3 25	2 25@3 00	13..	4 50@5 25	4 50@5 50	4 50@5 75
20..	2 50@3 40	2 35@3 15	2 00@2 90	20..	4 50@5 50	4 50@5 50	4 25@5 75
27..	2 50@3 40	2 50@3 25	2 00@2 70	27..	4 50@5 25	4 50@5 50	4 50@5 75
February 3..	2 50@3 50	2 25@3 25	2 25@3 00	February 3..	4 75@5 50	4 50@5 50	4 50@5 50
10..	2 75@3 65	2 75@3 50	2 25@3 00	10..	4 50@5 50	4 75@5 75	4 25@5 25
17..	2 75@3 65	2 50@3 40	2 00@2 75	17..	4 50@5 50	4 50@5 50	4 25@5 50
24..	3 00@3 75	2 50@3 25	2 25@3 00	24..	5 00@5 75	5 00@5 75	4 25@5 50
March 3..	3 00@3 85	2 75@3 50	2 25@3 00	March 3..	4 75@5 75	4 50@5 50	4 75@5 75
10..	3 00@3 90	2 75@3 50	2 25@3 00	10..	5 00@6 00	4 50@5 50	4 75@5 75
17..	3 25@4 00	2 75@3 50	2 25@2 90	17..	5 25@6 00	4 75@5 75	4 25@5 25
24..	3 50@4 25	2 85@3 65	2 25@3 25	24..	5 25@6 00	4 75@5 75	4 50@5 25
31..	3 75@4 65	2 85@3 75	2 50@3 35	31..	4 75@5 75	5 00@6 00	4 75@5 50
April 7..	3 25@4 25	2 75@3 50	2 75@3 35	April 7..	5 25@6 00	5 50@6 75	4 50@5 50
14..	3 50@4 50	2 75@3 85	3 00@3 35	14..	5 75@6 50	5 25@6 50	4 50@5 25
21..	3 75@4 75	2 75@3 75	3 00@3 40	21..	5 75@6 50	4 75@5 50	4 50@5 25
28..	4 00@4 90	2 75@3 75	\$2 85@3 30	28..	5 75@6 50	5 00@5 75	4 50@5 25
May 5..	3 50@4 50	3 00@3 85	3 00@3 40	May 5..	5 75@6 50	5 50@6 25	4 25@5 50
12..	4 00@4 85	3 00@4 00	2 75@3 30	12..	5 75@6 50	4 75@6 25	4 25@5 25
19..	3 75@4 75	3 25@4 00	3 00@3 40	19..	4 75@5 50	4 75@5 50	3 75@4 75
26..	3 50@4 50	3 25@4 00	2 85@3 40	26..	4 50@5 25	4 75@5 50	3 50@4 50
June 2..	3 50@4 50	3 00@4 00	2 85@3 40	June 2..	4 25@5 25	4 75@5 50	4 00@5 00
9..	3 50@4 50	2 75@3 75	2 85@3 50	9..	4 25@5 25	4 25@5 25	3 75@4 50
16..	3 75@4 75	2 75@3 75	2 85@3 40	16..	4 00@5 25	4 00@5 00	3 75@4 75
23..	3 50@4 20	2 75@3 75	2 85@3 40	23..	4 00@5 25	4 00@4 75	4 00@4 75
30..	3 35@4 25	2 75@3 75	2 65@3 30	30..	4 00@5 00	4 00@5 00	3 75@4 50
July 7..	3 50@4 25	2 50@3 65	2 75@3 40	July 7..	4 00@5 00	4 00@4 75	4 00@4 75
14..	3 50@4 25	2 25@3 50	2 75@3 35	14..	4 00@5 00	4 00@4 75	4 00@4 75
21..	3 50@4 40	2 25@3 50	2 75@3 35	21..	4 00@5 00	4 25@4 75	4 00@4 75
28..	3 25@4 00	2 50@3 50	2 65@3 35	28..	4 00@5 00	4 00@4 75	4 00@4 75
August 4..	3 40@4 15	2 25@3 00	2 65@3 35	August 4..	4 00@5 25	3 75@4 75	3 75@4 75
11..	3 25@4 00	2 35@3 50	2 65@3 35	11..	4 00@5 25	4 00@5 00	4 00@5 00
18..	3 00@3 75	2 50@3 50	2 35@3 15	18..	3 75@5 00	3 75@4 75	4 00@5 00
25..	3 25@4 00	2 50@3 50	2 25@3 00	25..	4 00@5 00	4 00@5 00	3 75@4 75

* No session of the Chamber. Quotations of the following day.

EXPORTS OF LIVE STOCK.

Exports of Live Stock from the United States, for years ending June 30:

KINDS.	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882
Cattle	374,679	394,836	205,786	140,208	106,459	119,065	135,890	190,518	104,444	108,110
Sheep	60,947	67,521	128,852	143,817	121,701	177,594	234,509	273,874	337,251	139,676
Hogs	95,654	91,148	45,128	23,755	75,383	74,187	75,025	46,382	16,129	36,368

MOVEMENT OF CATTLE, SHEEP, HIDES AND LEATHER.

Receipts and shipments of Cattle, Sheep, Hides and Leather, at Cincinnati:

YEARS ENDING AUGUST 31.	CATTLE.		SHEEP.		HIDES.		LEATHER.	
	Receipts, number.	Shipm'ts, number.	Receipts, number.	Shipm'ts, number.	Receipts, pieces.	Shipm'ts, pieces.	Receipts, bundles.	Shipm'ts, bundles.
1865-66.....	79,503	31,300	73,229	13,177	190,196	170,910	38,099	41,805
1866-67.....	91,496	43,079	91,987	24,052	98,500	98,500	28,457	37,664
1867-68.....	87,459	43,315	73,097	19,809	117,494	91,120	20,966	24,930
1868-69.....	107,813	40,185	117,548	31,353	108,773	79,371	24,399	27,397
1869-70.....	107,167	54,681	90,205	35,581	149,259	125,622	30,927	32,048
1870-71.....	125,771	53,278	134,802	51,109	167,553	138,549	33,927	36,003
1871-72.....	169,855	76,866	187,522	68,541	144,817	103,291	32,370	37,821
1872-73.....	149,629	53,385	131,433	62,755	143,387	97,085	31,232	35,425
1873-74.....	199,426	79,551	240,161	101,975	165,192	105,293	25,174	30,614
1874-75.....	227,150	103,438	273,102	172,007	181,525	130,961	24,742	34,942
1875-76.....	243,503	98,322	355,848	278,320	188,808	145,214	23,919	40,861
1876-77.....	202,726	98,800	246,188	210,220	175,327	177,841	28,188	38,401
1877-78.....	173,987	80,564	362,493	286,961	171,283	132,104	28,371	37,491
1878-79.....	182,954	82,416	404,574	329,578	221,995	169,853	36,344	39,965
1879-80.....	229,451	105,485	525,554	401,697	232,943	179,815	41,348	42,240
1880-81.....	229,776	103,387	444,722	310,634	323,066	205,665	43,751	42,164
1881-82.....	241,671	96,014	804,418	629,269	358,022	225,768	47,373	49,387
1882-83.....	218,425	81,205	701,717	522,505	339,124	219,206	43,516	51,914
1883-84.....	197,176	71,724	592,974	445,418	231,849	167,046	36,967	46,037
1884-85.....	170,147	58,585	540,282	373,128	282,200	191,956	35,121	42,174
1885-86.....	199,344	71,606	565,262	382,983	271,227	155,923	35,610	47,638
1886-87.....	186,110	60,611	566,921	426,052	370,465	200,087	37,513	50,606
1887-88.....	206,573	70,530	608,976	412,095	344,417	192,274	36,253	49,881
1888-89.....	196,558	68,885	564,898	409,081	372,091	178,095	39,542	56,905
1889-90.....	222,345	93,804	529,016	412,036	425,019	284,706	51,544	70,363
1890-91.....	245,727	113,627	637,950	519,534	498,560	305,349	61,041	79,162

MOVEMENT OF BUTTER, CHEESE AND EGGS.

Receipts and shipments of Butter, Cheese and Eggs, at Cincinnati:

YEARS ENDING AUGUST 31.	BUTTER.				CHEESE.		EGGS.	
	Receipts, barrels.	Receipts, tubs, etc.	Shipm'ts, barrels.	Shipm'ts, tubs, etc.	Receipts, boxes.	Shipm'ts, boxes.	Receipts, packages.	Shipm'ts, packages.
1865-66.....	4,512	67,018	1,758	24,786	189,604	141,618	21,501	6,498
1866-67.....	2,969	56,414	1,053	22,228	200,971	160,231	19,036	17,145
1867-68.....	716	56,344	326	12,617	159,774	99,000	19,190	5,310
1868-69.....	1,009	51,210	443	17,447	140,165	105,039	25,128	7,858
1869-70.....	1,112	57,010	339	21,753	198,963	158,222	22,946	9,286
1870-71.....	2,069	68,471	532	19,592	193,833	136,015	27,133	7,495
1871-72.....	1,721	69,748	789	23,086	187,640	128,260	22,904	8,053
1872-73.....	1,392	61,186	897	19,110	207,847	145,360	24,189	13,232
1873-74.....	416	53,449	626	22,735	181,845	127,689	31,276	17,013
1874-75.....	812	65,910	898	25,708	173,144	118,287	33,863	10,153
1875-76.....	262	121,469	790	25,512	183,745	128,214	62,971	15,245
1876-77.....	837	110,927	1,116	37,425	143,417	102,886	81,426	19,557
1877-78.....	493	120,549	482	34,242	108,326	77,361	110,480	22,818
1878-79.....	471	125,685	1,153	41,950	104,064	62,876	106,786	16,770
1879-80.....	674	143,343	318	57,533	99,396	52,558	140,008	20,718
1880-81.....	1,073	129,987	802	37,244	85,022	43,380	134,908	13,048
1881-82.....	680	125,142	550	20,396	116,559	56,407	108,476	7,319
1882-83.....	1,033	115,671	218	12,859	105,845	47,822	152,354	37,803
1883-84.....	944	96,004	70	14,851	98,574	45,107	177,172	58,075
1884-85.....	856	87,812	100	16,944	97,852	48,520	147,458	44,506
1885-86.....	785	98,071	247	20,881	82,752	38,872	213,619	69,899
1886-87.....	746	80,693	156	6,623	91,197	40,090	245,235	99,323
1887-88.....	517	73,281	270	8,829	104,950	40,948	179,437	53,064
1888-89.....	643	73,976	729	8,693	95,324	45,609	258,573	131,784
1889-90.....	377	80,361	144	8,789	125,923	60,696	290,396	159,876
1890-91.....	.....	72,847	.....	17,333	120,474	64,255	262,212	157,626

MOVEMENT OF FLOUR, SEED, POTATOES AND COTTON.

Receipts and shipments of Flour, Grass Seed, Flax Seed, Potatoes and Cotton, at Cincinnati, for years indicated, ending August 31:

YEARS.	FLOUR.		GRASS SEED.		FLAX SEED.		POTATOES.		COTTON.	
	Receipts, bbls.	Shipm'ts, bbls.	Receipts, bags.	Shipm'ts, bags.	Receipts, bush.	Shipm'ts, bush.	Receipts, bbls.	Shipm'ts, bbls.	Receipts, bales.	Shipm'ts, bales.
1869-70.....	774,344	576,677	37,511	33,021	89,902	11,776	96,386	52,952	153,639	148,034
1870-71.....	705,579	538,498	52,710	42,625	101,862	13,336	186,114	32,661	230,411	182,856
1871-72.....	582,930	410,501	62,101	42,309	81,310	14,922	133,425	50,572	122,128	117,349
1872-73.....	765,469	560,829	45,333	37,316	79,496	13,780	156,558	52,141	137,575	127,489
1873-74.....	774,916	551,774	59,035	43,136	92,902	30,134	167,330	37,945	195,895	188,083
1874-75.....	697,578	473,460	65,057	50,465	41,004	14,820	269,417	117,078	151,980	150,550
1875-76.....	636,504	396,217	62,515	43,921	98,230	7,902	202,094	131,850	185,376	171,773
1876-77.....	540,128	296,373	69,007	57,613	117,868	10,570	172,754	93,950	175,527	171,834
1877-78.....	606,667	383,954	53,865	33,943	105,554	17,526	144,808	65,589	184,895	183,983
1878-79.....	613,914	398,653	55,712	50,605	78,300	19,420	180,209	102,541	248,069	244,532
1879-80.....	771,900	563,564	87,155	72,881	106,904	20,124	210,305	99,304	312,319	308,616
1880-81.....	852,955	612,338	66,187	64,247	93,072	35,252	239,953	104,936	325,371	313,003
1881-82.....	779,625	642,829	100,624	83,051	33,504	9,588	429,653	215,728	395,735	396,783
1882-83.....	1,144,464	1,014,379	77,353	74,446	25,548	11,792	445,822	243,570	389,131	376,912
1883-84.....	920,361	709,110	77,288	70,104	18,536	1,142	353,680	228,431	308,387	302,658
1884-85.....	874,548	585,080	85,900	83,509	10,463	2,952	517,619	248,863	276,636	272,447
1885-86.....	832,686	568,989	86,242	82,934	47,095	510	404,909	221,611	387,175	381,016
1886-87.....	1,043,057	807,110	116,172	104,582	54,425	31,567	301,913	178,967	341,100	332,142
1887-88.....	1,026,619	758,253	95,066	91,026	2,966	1,382	614,179	287,729	362,524	353,968
1888-89.....	1,055,122	709,563	100,043	82,279	25,538	18,216	621,821	323,517	365,896	351,272
1889-90.....	1,587,768	1,220,455	118,617	92,872	32,880	23,528	359,554	213,249	316,674	307,443
1890-91.....	1,712,475	1,430,076	77,401	78,874	1,487	237	605,017	225,842	349,839	337,198

MOVEMENT OF GREEN AND DRIED FRUIT.

Receipts and shipments of Green Apples and Dried Fruit, and receipts of Oranges and Lemons, at Cincinnati, for years indicated, ending August 31:

YEARS.	APPLES.		ORANGES. LEMONS.		DRIED FRUIT.	
	Receipts, bbls.	Shipm'ts, bbls.	Receipts, boxes.	Receipts, boxes.	Receipts, pounds.	Shipments, pounds.
1865-66.....	171,212	46,886	4,710	3,765	1,520,052	360,284
1866-67.....	146,302	45,966	6,050	1,902	2,155,748	1,043,388
1867-68.....	114,158	23,839	8,649	3,922	1,329,944	732,844
1868-69.....	161,203	51,754	11,131	5,532	962,108	566,488
1869-70.....	146,813	41,362	13,330	7,140	2,417,836	1,768,304
1870-71.....	176,396	48,968	19,561	13,155	2,386,944	1,095,024
1871-72.....	116,722	50,221	21,355	16,381	2,993,480	1,891,848
1872-73.....	128,518	133,048	21,790	13,192	4,315,584	1,988,852
1873-74.....	214,958	79,226	24,872	14,015	1,384,992	1,322,304
1874-75.....	150,051	48,063	28,451	12,206	1,337,480	1,849,292
1875-76.....	191,593	69,853	35,496	25,328	2,865,212	1,591,436
1876-77.....	118,689	133,875	35,485	22,150	4,102,028	2,316,820
1877-78.....	116,822	76,235	48,830	16,635	5,609,576	4,199,160
1878-79.....	239,275	151,618	40,486	23,307	4,246,620	2,477,272
1879-80.....	147,699	72,345	39,837	19,375	3,008,936	2,386,152
1880-81.....	216,880	113,314	46,130	23,731	4,791,666	2,949,380
1881-82.....	229,539	119,582	56,344	25,991	4,613,840	3,186,036
1882-83.....	305,041	181,091	91,881	40,979	3,677,756	4,573,336
1883-84.....	234,033	115,229	141,129	61,806	6,701,324	5,335,904
1884-85.....	278,827	114,003	180,046	45,487	8,471,120	6,116,240
1885-86.....	281,141	152,414	119,081	35,148	5,868,044	3,366,944
1886-87.....	242,058	198,318	61,197	61,197	2,764,139	3,828,625
1887-88.....	362,847	198,438	131,216	53,003	4,791,030	3,372,407
1888-89.....	275,157	213,170	241,697	54,549	3,828,111	2,059,135
1889-90.....	210,659	190,775	241,770	71,074	1,298,630	4,040,774
1890-91.....	153,211	92,897	315,033	52,562	2,437,197	1,832,312

MOVEMENT OF SUNDRY STAPLE PRODUCTS.

Receipts and shipments of Staple Products enumerated, at Cincinnati, for years indicated, ending August 31:

YEARS.	HAY.		BRAN, ETC.		HOPS.		FEATHERS.		PEANUTS.	
	Receipts, tons.	Shipm'ts, tons.	Receipts, tons.	Shipm'ts, tons.	Receipts, bales.	Shipm'ts, bales.	Receipts, sacks.	Shipm'ts, sacks.	Receipts, bush.	Shipm'ts, bush.
1871-72.....	18,089	2,063	7,876	3,270	7,907	1,607	9,251	11,399	.....	.....
1872-73.....	33,028	5,412	11,518	5,536	7,767	1,788	9,687	11,141	.....	.....
1873-74.....	34,156	4,949	8,042	3,575	7,330	1,441	9,793	10,759	141,350	182,205
1874-75.....	36,615	1,357	8,880	3,326	7,850	1,521	8,306	8,652	188,082	183,060
1875-76.....	33,581	1,461	13,083	7,853	5,467	1,981	10,370	11,036	307,605	164,450
1876-77.....	31,114	655	11,480	5,936	9,406	1,732	10,052	10,351	461,545	255,400
1877-78.....	30,229	3,002	11,052	5,684	8,666	1,963	12,006	11,624	276,505	355,625
1878-79.....	33,970	830	12,705	6,394	7,982	1,608	9,789	9,993	298,340	249,255
1879-80.....	45,936	5,431	19,161	10,654	8,748	2,648	9,780	8,608	563,770	382,320
1880-81.....	63,167	17,092	19,650	13,065	9,824	2,311	11,923	8,876	685,835	539,106
1881-82.....	65,965	11,512	16,604	9,977	11,833	3,712	10,155	11,542	342,420	417,035
1882-83.....	46,649	4,338	30,190	27,427	9,861	4,199	16,818	9,897	426,955	434,625
1883-84.....	52,394	13,943	21,120	16,026	11,560	5,030	8,806	12,603	622,990	440,530
1884-85.....	65,837	22,457	25,935	17,442	13,622	5,511	9,540	9,613	929,100	515,800
1885-86.....	64,610	22,244	18,063	13,371	14,804	6,290	9,248	8,615	600,350	390,440
1886-87.....	65,266	21,229	19,485	17,400	12,186	5,678	8,425	10,825	407,225	441,985
1887-88.....	66,688	24,938	15,483	12,707	17,159	6,550	8,850	10,247	397,960	354,275
1888-89.....	111,686	56,021	26,268	21,258	13,489	6,875	12,960	10,348	281,900	319,275
1889-90.....	97,089	43,883	25,802	20,915	16,097	7,070	12,185	11,784	259,205	315,920
1890-91.....	110,979	55,323	31,745	26,962	11,222	5,597	13,818	14,093	690,965	366,491

YEARS.	BEER.		MALT.		SALT.		SALT.		STARCH.	
	Receipts, bbls.	Shipm'ts, bbls.	Receipts, bush.	Shipm'ts, bush.	Receipts, bbls.	Shipm'ts, bbls.	Receipts, bags.	Shipm'ts, bags.	Receipts, boxes.	Shipm'ts, boxes.
1871-72.....	4,610	180,825	260,813	447,396	315,797	201,133	31,666	6,589	213,076	230,004
1872-73.....	5,897	123,625	237,842	460,513	358,480	228,273	47,872	6,428	211,392	224,704
1873-74.....	4,882	121,604	201,591	453,449	348,611	214,988	50,102	4,139	232,718	270,553
1874-75.....	6,422	109,172	213,651	273,697	269,845	166,701	42,810	5,075	210,173	251,056
1875-76.....	7,913	125,360	174,258	211,686	297,425	170,110	31,527	7,582	305,896	328,998
1876-77.....	5,431	148,519	230,239	226,141	249,789	174,617	56,883	11,152	240,653	317,565
1877-78.....	7,882	184,634	358,815	203,390	255,167	199,529	51,148	9,447	171,340	399,931
1878-79.....	6,956	162,593	276,548	210,187	281,285	171,019	52,098	3,559	360,169	461,147
1879-80.....	9,145	200,887	388,603	357,793	349,885	246,446	38,455	12,362	402,697	416,799
1880-81.....	10,943	226,885	548,119	506,948	408,503	230,201	47,863	68,740	177,258	380,455
1881-82.....	15,944	248,216	412,073	471,850	315,489	205,069	94,400	52,890	131,069	370,910
1882-83.....	17,536	286,665	340,200	297,791	320,617	182,638	55,928	43,996	147,835	407,696
1883-84.....	17,561	318,247	373,501	371,356	382,805	278,435	13,327	1,233	200,605	486,674
1884-85.....	19,788	317,053	669,774	441,545	393,982	238,756	13,540	1,797	127,905	408,447
1885-86.....	24,632	354,368	792,316	489,003	345,842	250,826	12,551	1,231	208,055	540,034
1886-87.....	25,200	418,056	744,940	381,210	327,044	244,885	32,510	25,050	231,549	574,253
1887-88.....	36,573	433,027	671,153	310,474	365,806	249,325	31,962	8,292	209,436	529,080
1888-89.....	51,857	390,328	720,000	556,925	297,198	177,407	13,362	3,840	221,500	670,956
1889-90.....	82,469	571,801	916,175	613,205	291,445	196,597	14,220	2,703	230,869	734,267
1890-91.....	69,500	613,159	762,939	669,909	415,556	327,689	12,245	2,688	173,761	704,903

PRODUCTION OF STARCH.

Yearly production of Starch, in pounds, at Cincinnati, for years indicated:

1873-74.....	17,720,000	1879-80.....	25,604,000	1885-86.....	21,685,000
1874-75.....	17,255,000	1880-81.....	24,225,000	1886-87.....	21,258,000
1875-76.....	17,989,000	1881-82.....	11,252,000	1887-88.....	22,571,000
1876-77.....	18,801,000	1882-83.....	20,125,000	1888-89.....	21,824,000
1877-78.....	21,841,000	1883-84.....	22,015,000	1889-90.....	30,073,000
1878-79.....	24,766,000	1884-85.....	21,653,000	1890-91.....	26,780,000

MOVEMENT OF GROCERIES.

Receipts and shipments of Sugar, Molasses and Coffee, and receipts of Rice, at Cincinnati, for years indicated, ending August 31:

YEARS.	SUGAR.				MOLASSES.		COFFEE.		RICE.
	Receipts, hhds.	Shipm'ts, hhds.	Receipts, bbls.	Shipm'ts, bbls.	Receipts, bbls.	Shipm'ts, bbls.	Receipts, bags.	Shipm'ts, bags.	Receipts, bbls.
1868-69.....	17,126	25,054	123,970	.....	38,498	18,322	171,904	102,615	8,214
1869-70.....	23,251	32,890	128,545	.....	39,793	27,175	212,761	135,011	9,830
1870-71.....	30,332	39,716	132,097	.....	41,070	19,650	218,043	160,835	10,238
1871-72.....	22,098	29,188	121,910	.....	31,147	18,655	144,222	98,205	8,388
1872-73.....	16,840	9,171	125,038	70,880	34,776	18,334	144,887	97,815	11,520
1873-74.....	9,324	6,115	177,490	99,733	38,835	24,616	148,213	116,798	15,100
1874-75.....	11,573	7,305	169,435	99,539	43,608	27,212	198,621	126,242	16,428
1875-76.....	17,468	11,000	152,880	106,902	46,199	26,860	192,495	117,540	36,348
1876-77.....	22,323	17,818	162,475	109,106	44,077	27,477	188,844	158,590	35,122
1877-78.....	9,138	6,339	206,892	132,955	51,572	34,231	211,026	175,988	21,562
1878-79.....	28,751	21,330	142,586	94,015	42,337	35,800	222,399	177,575	20,462
1879-80.....	9,451	5,109	190,423	128,531	52,327	37,531	250,454	195,283	18,872
1880-81.....	11,900	4,735	191,923	115,143	48,984	42,606	241,707	140,607	27,428
1881-82.....	6,750	4,180	192,201	92,460	63,776	48,920	181,260	105,430	22,070
1882-83.....	22,267	18,281	177,822	91,423	63,193	45,159	227,697	142,197	21,978
1883-84.....	7,041	3,494	223,340	130,395	48,471	37,684	225,326	155,091	27,368
1884-85.....	5,318	4,316	247,419	161,886	44,492	37,052	269,399	194,722	39,407
1885-86.....	3,110	1,194	236,671	135,274	50,131	37,636	217,738	178,016	39,941
1886-87.....	1,491	689	212,910	107,660	52,568	27,512	271,747	189,219	51,773
1887-88.....	4,925	3,301	218,545	121,101	57,103	43,809	243,612	165,466	37,775
1888-89.....	2,360	1,452	225,016	108,036	48,038	43,865	251,132	145,128	34,831
1889-90.....	1,157	526	304,309	167,901	51,825	47,536	271,817	171,463	45,496
1890-91.....	2,015	1,294	351,050	210,626	68,774	56,077	229,441	156,194	47,777

NOTE.—Molasses figures include Syrups. Rice in tierces is reduced to an equivalent in barrels.

ANNUAL PRICES OF GROCERIES.

Average price of Rio Coffee, prime, per pound; Sugar, prime New Orleans, hards, good fair and A white, per pound; Molasses, prime New Orleans, per gallon; Rice, Carolina and Louisiana, per pound, for years indicated:

YEARS.	COFFEE.		SUGAR.			MOLASSES.	RICE.	
	RIO.	PRIME N. ORLEANS	HARDS.	GOOD FAIR.	A WHITE.	NEW ORLEANS.	CAROLINA.	LOUISIANA.
1875-76.....	23.12	8.90	11.44	.....	10.60	57.46	7.58	.....
1876-77.....	22.19	10	12.52	.....	11.65	55.48	6.80	.....
1877-78.....	20.00	8.10	10.93	.....	10.08	45.13	7.26	.....
1878-79.....	16.65	7.36	9.73	6.56	9.02	36.64	7.15	.....
1879-80.....	17.70	8.48	10.42	7.90	9.90	47.54	7.37	7.00
1880-81.....	14.67	8.19	10.51	7.65	9.76	49.98	6.90	6.10
1881-82.....	12.34	8.21	10.29	7.73	9.49	60.25	7.46	7.26
1882-83.....	10.59	7.83	9.64	7.33	8.96	55.02	7.07	6.42
1883-84.....	12.87	7.15	8.92	6.65	7.76	52.32	6.51	5.89
1884-85.....	10.88	6.03	7	5.53	6.10	48.70	6.29	5.94
1885-86.....	10.20	6.01	7.16	5.42	6.62	43.03	5.92	5.16
1886-87.....	16.79	5.49	6.51	4.99	5.93	42.31	5.46	4.68
1887-88.....	18.99	5.61	7.40	5.36	6.69	41.50	5.92	5.54
1888-89.....	18.37	6.75	8.49	6.25	7.70	41.21	5.95	5.06
1889-90.....	20.81	5.88	7.39	5.30	6.51	40.39	6.01	5.11
1890-91.....	20.87	4.95	6.12	4.60	5.39	34.60	6.53	5.38

MOVEMENT OF OILS, TALLOW AND WOOL.

Receipts and shipments of Petroleum, Other Oils, Tallow and Wool, at Cincinnati, for years indicated, ending August 31:

YEARS.	PETROLEUM.		OTHER OILS.		TALLOW.		WOOL.	
	Receipts, bbls.	Shipm'ts, bbls.	Receipts, bbls.	Shipm'ts, bbls.	Receipts, tierces.	Shipm'ts, tierces.	Receipts, bales.	Shipm'ts, bales.
1865-66.....	100,870	.....	16,836	106,202	19,851	1,989	17,009	15,670
1866-67.....	113,077	.....	15,950	126,957	23,336	1,197	15,490	13,995
1867-68.....	101,353	.....	13,976	103,411	22,161	1,055	11,851	12,461
1868-69.....	108,799	.....	14,546	119,705	31,779	2,020	13,827	15,058
1869-70.....	131,293	.....	24,437	142,390	20,277	2,320	11,971	15,655
1870-71.....	138,775	.....	19,446	155,198	28,173	2,317	16,728	19,432
1871-72.....	129,767	.....	21,547	138,264	24,286	3,755	11,082	12,177
1872-73.....	170,368	.....	23,494	182,231	36,934	5,149	9,213	10,657
1873-74.....	177,282	.....	21,804	196,513	39,412	9,320	17,723	14,743
1874-75.....	152,776	.....	30,000	167,783	33,397	3,804	14,668	14,260
1875-76.....	166,425	.....	59,364	187,843	28,009	5,490	14,242	11,870
1876-77.....	166,223	.....	59,992	210,584	28,194	2,504	19,531	22,352
1877-78.....	164,657	.....	54,285	202,653	30,432	3,262	20,182	18,426
1878-79.....	201,648	.....	71,074	247,866	27,412	4,846	29,771	30,251
1879-80.....	271,964	.....	80,745	304,351	35,379	2,496	22,491	23,995
1880-81.....	240,647	.....	129,886	270,163	40,771	10,783	26,007	23,985
1881-82.....	241,108	168,895	114,000	96,767	36,263	4,046	33,801	36,683
1882-83.....	219,068	123,216	135,959	111,542	32,936	10,319	27,170	25,998
1883-84.....	219,980	122,629	124,628	109,898	36,829	14,173	18,284	17,923
1884-85.....	234,467	150,612	90,675	68,960	41,223	12,987	23,042	27,005
1885-86.....	306,804	220,854	124,458	84,675	40,277	9,963	32,357	32,075
1886-87.....	469,140	359,052	107,783	79,414	44,548	13,912	26,212	24,404
1887-88.....	635,356	466,349	81,579	81,692	34,175	10,452	16,611	17,664
1888-89.....	533,188	335,658	90,954	60,117	39,617	3,699	31,560	30,666
1889-90.....	724,305	481,205	83,653	77,746	54,919	3,441	42,026	37,047
1890-91.....	679,995	492,187	141,025	106,684	75,277	5,760	39,087	37,973

NOTE.—Petroleum shipments not reported separately from Other Oils previous to 1881-82.

MONTHLY MOVEMENT OF SUGAR AND COFFEE.

Monthly receipts and shipments of Sugar and Coffee, at Cincinnati, for two years, ending August 31:

MONTHS.	SUGAR.								COFFEE			
	RECEIPTS.				SHIPMENTS.				RECEIPTS.		SHIPMENTS.	
	1890-91		1889-90		1890-91		1889-90		1890-91	1889-90	1890-91	1889-90
	Hhds.	Bbls.	Hhds.	Bbls.	Hhds.	Bbls.	Hhds.	Bbls.	Bags.	Bags.	Pags.	Bags.
September.....	46	17,450	...	20,926	34	10,713	...	7,908	16,987	20,326	12,172	9,028
October.....	47	24,319	17	19,590	...	13,932	5	9,355	26,285	22,428	17,855	11,016
November.....	232	23,798	253	28,824	157	11,751	83	14,840	18,405	24,310	10,551	16,745
December.....	1,068	21,571	662	22,430	791	13,537	258	8,262	14,587	27,725	10,837	16,117
January.....	273	20,837	190	17,449	121	10,671	111	6,443	19,718	12,751	13,463	10,861
February.....	65	11,119	140	35,521	48	6,048	32	28,114	19,416	25,346	12,237	14,998
March.....	103	19,958	15	18,243	68	9,130	6	6,640	27,214	20,237	18,751	12,731
April.....	116	55,218	7	33,796	17	36,998	2	19,243	25,238	31,162	13,239	18,369
May.....	85	46,028	112	26,273	55	26,677	...	20,176	21,620	26,186	16,393	17,247
June.....	6	38,951	5	33,039	3	22,993	8	22,515	10,075	17,255	8,951	12,411
July.....	...	36,158	21	19,715	...	23,619	1	7,742	14,911	20,736	10,511	12,706
August.....	4	35,643	35	28,503	...	24,557	20	16,663	14,985	23,355	11,234	19,234

PRICES OF SUGAR AND MOLASSES.

Quotations for Prime New Orleans Sugar, and A White and Hards, per pound, and for Prime New Orleans Molasses, per gallon, at Cincinnati, on Tuesday of each week, in two years:

DATES.	SUGAR.						MOLASSES.	
	NEW ORLEANS.		"A WHITE."		"HARDS."			
	"Prime."							
	1890-91	1889-90	1890-91	1889-90	1890-91	1889-90	1890-91	1889-90
September 2.....	...	8	6 @61 ⁵ / ₈	8 ¹ / ₄ @87 ⁵ / ₈	61 ⁵ / ₈ @71 ¹ / ₄	91 ⁵ / ₈ @97 ⁵ / ₈	38@43	38@40
9.....	...	...	6 ³ / ₈ @61 ⁵ / ₈	8 ¹ / ₄ @81 ⁵ / ₈	61 ⁵ / ₈ @71 ¹ / ₄	81 ⁵ / ₈ @91 ⁵ / ₈	38@43	38@40
16.....	...	...	61 ⁵ / ₈ @61 ⁵ / ₈	8 ¹ / ₄ @81 ⁵ / ₈	61 ⁵ / ₈ @71 ¹ / ₄	81 ⁵ / ₈ @91 ⁵ / ₈	38@43	38@40
23.....	...	...	61 ⁵ / ₈ @61 ⁵ / ₈	8 ¹ / ₄ @81 ⁵ / ₈	61 ⁵ / ₈ @71 ¹ / ₄	81 ⁵ / ₈ @91 ⁵ / ₈	38@43	38@40
30.....	...	...	61 ⁵ / ₈ @61 ⁵ / ₈	8 @81 ⁵ / ₈	61 ⁵ / ₈ @71 ¹ / ₄	81 ⁵ / ₈ @91 ⁵ / ₈	38@43	38@40
October 7.....	...	...	61 ⁵ / ₈ @61 ⁵ / ₈	7 ⁷ / ₈ @81 ⁵ / ₈	61 ⁵ / ₈ @71 ¹ / ₄	81 ⁵ / ₈ @91 ⁵ / ₈	38@43	38@40
14.....	...	...	61 ⁵ / ₈ @61 ⁵ / ₈	7 ⁷ / ₈ @81 ⁵ / ₈	61 ⁵ / ₈ @71 ¹ / ₄	8 @85 ⁵ / ₈	38@43	38@40
21.....	...	...	61 ⁵ / ₈ @61 ⁵ / ₈	7 ⁷ / ₈ @81 ⁵ / ₈	61 ⁵ / ₈ @71 ¹ / ₄	8 @85 ⁵ / ₈	38@43	38@40
28.....	...	...	61 ⁵ / ₈ @61 ⁵ / ₈	7 @71 ¹ / ₄	61 ⁵ / ₈ @71 ¹ / ₄	71 ⁵ / ₈ @81 ⁵ / ₈	38@43	38@40
November 4.....	6 @61 ⁵ / ₈	...	61 ⁵ / ₈ @61 ⁵ / ₈	7 @71 ¹ / ₄	61 ⁵ / ₈ @71 ¹ / ₄	71 ⁵ / ₈ @81 ⁵ / ₈	38@43	40@45
11.....	6 @61 ⁵ / ₈	5 ⁷ / ₈ @5 ⁷ / ₈	61 ⁵ / ₈ @61 ⁵ / ₈	7 @71 ¹ / ₄	61 ⁵ / ₈ @71 ¹ / ₄	71 ⁵ / ₈ @81 ⁵ / ₈	38@43	40@45
18.....	6 @61 ⁵ / ₈	5 ⁷ / ₈ @5 ⁷ / ₈	61 ⁵ / ₈ @61 ⁵ / ₈	7 ⁷ / ₈ @71 ¹ / ₄	61 ⁵ / ₈ @71 ¹ / ₄	71 ⁵ / ₈ @81 ⁵ / ₈	40@43	40@45
25.....	6 @61 ⁵ / ₈	5 ⁷ / ₈ @5 ⁷ / ₈	6 @61 ⁵ / ₈	6 ⁷ / ₈ @71 ¹ / ₄	61 ⁵ / ₈ @71 ¹ / ₄	71 ⁵ / ₈ @81 ⁵ / ₈	38@40	40@45
December 2.....	5 ⁷ / ₈ @5 ⁷ / ₈	5 ⁷ / ₈ @5 ⁷ / ₈	5 ⁷ / ₈ @61 ⁵ / ₈	7 ⁷ / ₈ @71 ¹ / ₄	61 ⁵ / ₈ @71 ¹ / ₄	71 ⁵ / ₈ @81 ⁵ / ₈	38@43	38@43
9.....	5 ⁷ / ₈ @5 ⁷ / ₈	5 ⁷ / ₈ @5 ⁷ / ₈	5 ⁷ / ₈ @61 ⁵ / ₈	7 ⁷ / ₈ @71 ¹ / ₄	61 ⁵ / ₈ @71 ¹ / ₄	71 ⁵ / ₈ @81 ⁵ / ₈	35@38	38@43
16.....	5 ⁷ / ₈ @5 ⁷ / ₈	5 ⁷ / ₈ @5 ⁷ / ₈	5 ⁷ / ₈ @61 ⁵ / ₈	7 ⁷ / ₈ @71 ¹ / ₄	61 ⁵ / ₈ @71 ¹ / ₄	71 ⁵ / ₈ @81 ⁵ / ₈	33@35	38@43
23.....	5 ⁷ / ₈ @5 ⁷ / ₈	5 ⁷ / ₈ @5 ⁷ / ₈	6 @61 ⁵ / ₈	7 @71 ¹ / ₄	61 ⁵ / ₈ @71 ¹ / ₄	71 ⁵ / ₈ @81 ⁵ / ₈	32@35	38@43
30.....	5 ⁷ / ₈ @5 ⁷ / ₈	5 ⁷ / ₈ @5 ⁷ / ₈	5 ⁷ / ₈ @61 ⁵ / ₈	7 @71 ¹ / ₄	61 ⁵ / ₈ @71 ¹ / ₄	71 ⁵ / ₈ @81 ⁵ / ₈	32@35	38@43
January 6.....	5 ⁷ / ₈ @5 ⁷ / ₈	5 ⁷ / ₈ @5 ⁷ / ₈	5 ⁷ / ₈ @5 ⁷ / ₈	7 @71 ¹ / ₄	61 ⁵ / ₈ @71 ¹ / ₄	71 ⁵ / ₈ @81 ⁵ / ₈	32@35	38@43
13.....	5 ⁷ / ₈ @5 ⁷ / ₈	5 ⁷ / ₈ @5 ⁷ / ₈	5 ⁷ / ₈ @61 ⁵ / ₈	7 @71 ¹ / ₄	61 ⁵ / ₈ @71 ¹ / ₄	71 ⁵ / ₈ @81 ⁵ / ₈	32@35	38@43
20.....	5 ⁷ / ₈ @5 ⁷ / ₈	5 ⁷ / ₈ @5 ⁷ / ₈	6 @61 ⁵ / ₈	6 ⁷ / ₈ @71 ¹ / ₄	61 ⁵ / ₈ @71 ¹ / ₄	7 @81 ⁵ / ₈	32@35	38@43
27.....	5 ⁷ / ₈ @5 ⁷ / ₈	5 ⁷ / ₈ @5 ⁷ / ₈	6 @61 ⁵ / ₈	6 ⁷ / ₈ @71 ¹ / ₄	61 ⁵ / ₈ @71 ¹ / ₄	7 @81 ⁵ / ₈	32@35	38@43
February 3.....	5 ⁷ / ₈ @5 ⁷ / ₈	5 ⁷ / ₈ @5 ⁷ / ₈	5 ⁷ / ₈ @61 ⁵ / ₈	6 ⁷ / ₈ @71 ¹ / ₄	61 ⁵ / ₈ @71 ¹ / ₄	7 @81 ⁵ / ₈	32@35	38@43
10.....	5 ⁷ / ₈ @5 ⁷ / ₈	5 ⁷ / ₈ @5 ⁷ / ₈	6	6 ⁷ / ₈ @71 ¹ / ₄	61 ⁵ / ₈ @71 ¹ / ₄	7 @81 ⁵ / ₈	32@35	38@43
17.....	5 ⁷ / ₈ @5 ⁷ / ₈	5 ⁷ / ₈ @5 ⁷ / ₈	6 @61 ⁵ / ₈	6 ⁷ / ₈ @61 ⁵ / ₈	61 ⁵ / ₈ @71 ¹ / ₄	61 ⁵ / ₈ @71 ¹ / ₄	32@35	38@43
24.....	5 ⁷ / ₈ @5 ⁷ / ₈	5 ⁷ / ₈ @5 ⁷ / ₈	6 @61 ⁵ / ₈	6 ⁷ / ₈ @61 ⁵ / ₈	61 ⁵ / ₈ @71 ¹ / ₄	61 ⁵ / ₈ @71 ¹ / ₄	32@35	38@43
March 3.....	5 ⁷ / ₈ @5 ⁷ / ₈	5 ⁷ / ₈ @5 ⁷ / ₈	61 ⁵ / ₈ @61 ⁵ / ₈	61 ⁵ / ₈ @61 ⁵ / ₈	7 @71 ¹ / ₄	61 ⁵ / ₈ @71 ¹ / ₄	32@35	38@43
10.....	5 ⁷ / ₈ @5 ⁷ / ₈	5 ⁷ / ₈ @5 ⁷ / ₈	61 ⁵ / ₈ @61 ⁵ / ₈	61 ⁵ / ₈ @61 ⁵ / ₈	61 ⁵ / ₈ @71 ¹ / ₄	61 ⁵ / ₈ @71 ¹ / ₄	32@35	38@43
17.....	5 ⁷ / ₈ @5 ⁷ / ₈	5 ⁷ / ₈ @5 ⁷ / ₈	6 @61 ⁵ / ₈	61 ⁵ / ₈ @61 ⁵ / ₈	61 ⁵ / ₈ @71 ¹ / ₄	61 ⁵ / ₈ @71 ¹ / ₄	32@35	38@43
24.....	5 ⁷ / ₈ @5 ⁷ / ₈	5 ⁷ / ₈ @5 ⁷ / ₈	5 ⁷ / ₈ @61 ⁵ / ₈	61 ⁵ / ₈ @61 ⁵ / ₈	6 @61 ⁵ / ₈	61 ⁵ / ₈ @71 ¹ / ₄	32@35	38@43
31.....	5 ⁷ / ₈ @5 ⁷ / ₈	5 ⁷ / ₈ @5 ⁷ / ₈	5 ⁷ / ₈ @61 ⁵ / ₈	61 ⁵ / ₈ @61 ⁵ / ₈	5 ⁷ / ₈ @61 ⁵ / ₈	61 ⁵ / ₈ @71 ¹ / ₄	32@35	38@43
April 7.....	41 ⁵ / ₈ @41 ⁵ / ₈	5 ⁷ / ₈ @5 ⁷ / ₈	48 ⁵ / ₈ @41 ⁵ / ₈	61 ⁵ / ₈ @61 ⁵ / ₈	41 ⁵ / ₈ @5 ⁷ / ₈	61 ⁵ / ₈ @71 ¹ / ₄	30@33	38@43
14.....	41 ⁵ / ₈ @41 ⁵ / ₈	5 ⁷ / ₈ @5 ⁷ / ₈	48 ⁵ / ₈ @41 ⁵ / ₈	61 ⁵ / ₈ @61 ⁵ / ₈	41 ⁵ / ₈ @5 ⁷ / ₈	61 ⁵ / ₈ @71 ¹ / ₄	30@33	38@43
21.....	41 ⁵ / ₈ @41 ⁵ / ₈	5 ⁷ / ₈ @5 ⁷ / ₈	48 ⁵ / ₈ @41 ⁵ / ₈	6 @61 ⁵ / ₈	5 @5 ⁷ / ₈	61 ⁵ / ₈ @71 ¹ / ₄	30@33	38@43
28.....	41 ⁵ / ₈ @41 ⁵ / ₈	...	41 ⁵ / ₈	6 @61 ⁵ / ₈	47 ⁵ / ₈ @5 ⁷ / ₈	61 ⁵ / ₈ @71 ¹ / ₄	30@33	38@43
May 5.....	41 ⁵ / ₈ @41 ⁵ / ₈	...	41 ⁵ / ₈	6 @61 ⁵ / ₈	47 ⁵ / ₈ @5 ⁷ / ₈	61 ⁵ / ₈ @71 ¹ / ₄	30@33	38@43
12.....	41 ⁵ / ₈ @41 ⁵ / ₈	...	41 ⁵ / ₈	6 @61 ⁵ / ₈	47 ⁵ / ₈ @5 ⁷ / ₈	61 ⁵ / ₈ @71 ¹ / ₄	30@33	38@43
19.....	41 ⁵ / ₈ @41 ⁵ / ₈	...	41 ⁵ / ₈	6 @61 ⁵ / ₈	47 ⁵ / ₈ @5 ⁷ / ₈	61 ⁵ / ₈ @71 ¹ / ₄	30@33	38@43
26.....	41 ⁵ / ₈ @41 ⁵ / ₈	...	4 @41 ⁵ / ₈	6 @61 ⁵ / ₈	47 ⁵ / ₈ @5 ⁷ / ₈	61 ⁵ / ₈ @71 ¹ / ₄	30@33	38@43
June 2.....	41 ⁵ / ₈ @41 ⁵ / ₈	...	4 @41 ⁵ / ₈	6 @61 ⁵ / ₈	47 ⁵ / ₈ @5 ⁷ / ₈	61 ⁵ / ₈ @71 ¹ / ₄	30@33	38@43
9.....	41 ⁵ / ₈ @41 ⁵ / ₈	5 ⁷ / ₈ @5 ⁷ / ₈	4 @41 ⁵ / ₈	6 @61 ⁵ / ₈	47 ⁵ / ₈ @5 ⁷ / ₈	61 ⁵ / ₈ @71 ¹ / ₄	30@33	38@43
16.....	41 ⁵ / ₈ @41 ⁵ / ₈	5 ⁷ / ₈ @5 ⁷ / ₈	37 ⁵ / ₈ @41 ⁵ / ₈	61 ⁵ / ₈ @61 ⁵ / ₈	47 ⁵ / ₈ @5 ⁷ / ₈	61 ⁵ / ₈ @71 ¹ / ₄	30@33	38@43
23.....	41 ⁵ / ₈ @41 ⁵ / ₈	5 ⁷ / ₈ @5 ⁷ / ₈	37 ⁵ / ₈ @41 ⁵ / ₈	61 ⁵ / ₈ @61 ⁵ / ₈	47 ⁵ / ₈ @5 ⁷ / ₈	61 ⁵ / ₈ @71 ¹ / ₄	30@33	38@43
30.....	41 ⁵ / ₈ @41 ⁵ / ₈	5 ⁷ / ₈ @5 ⁷ / ₈	4 @41 ⁵ / ₈	61 ⁵ / ₈ @61 ⁵ / ₈	47 ⁵ / ₈ @5 ⁷ / ₈	61 ⁵ / ₈ @71 ¹ / ₄	30@33	38@43
July 7.....	41 ⁵ / ₈ @41 ⁵ / ₈	...	4 @41 ⁵ / ₈	61 ⁵ / ₈ @61 ⁵ / ₈	47 ⁵ / ₈ @5 ⁷ / ₈	61 ⁵ / ₈ @71 ¹ / ₄	30@33	38@43
14.....	41 ⁵ / ₈ @41 ⁵ / ₈	...	4 @41 ⁵ / ₈	61 ⁵ / ₈ @61 ⁵ / ₈	47 ⁵ / ₈ @5 ⁷ / ₈	61 ⁵ / ₈ @71 ¹ / ₄	30@33	38@43
21.....	41 ⁵ / ₈ @41 ⁵ / ₈	...	41 ⁵ / ₈ @41 ⁵ / ₈	61 ⁵ / ₈ @61 ⁵ / ₈	47 ⁵ / ₈ @5 ⁷ / ₈	61 ⁵ / ₈ @71 ¹ / ₄	30@33	38@43
28.....	41 ⁵ / ₈ @41 ⁵ / ₈	...	41 ⁵ / ₈ @41 ⁵ / ₈	61 ⁵ / ₈ @61 ⁵ / ₈	47 ⁵ / ₈ @5 ⁷ / ₈	61 ⁵ / ₈ @71 ¹ / ₄	30@33	38@43
August 4.....	41 ⁵ / ₈ @41 ⁵ / ₈	...	41 ⁵ / ₈ @41 ⁵ / ₈	61 ⁵ / ₈ @61 ⁵ / ₈	47 ⁵ / ₈ @5 ⁷ / ₈	61 ⁵ / ₈ @71 ¹ / ₄	30@33	38@43
11.....	41 ⁵ / ₈ @41 ⁵ / ₈	...	41 ⁵ / ₈ @41 ⁵ / ₈	61 ⁵ / ₈ @61 ⁵ / ₈	47 ⁵ / ₈ @5 ⁷ / ₈	61 ⁵ / ₈ @71 ¹ / ₄	30@33	38@43
18.....	41 ⁵ / ₈ @41 ⁵ / ₈	...	41 ⁵ / ₈ @41 ⁵ / ₈	6 @61 ⁵ / ₈	47 ⁵ / ₈ @5 ⁷ / ₈	61 ⁵ / ₈ @71 ¹ / ₄	30@33	38@43
25.....	41 ⁵ / ₈ @41 ⁵ / ₈	...	41 ⁵ / ₈ @41 ⁵ / ₈	61 ⁵ / ₈ @61 ⁵ / ₈	47 ⁵ / ₈ @5 ⁷ / ₈	61 ⁵ / ₈ @71 ¹ / ₄	30@33	38@43

* No session of the Chamber. Quotations of the following day.

Quotations for Prime Rio Coffee, and for Louisiana Rice, per pound, at Cincinnati, on Tuesday of each week, in three years:

RIO COFFEE.				LOUISIANA RICE.			
DATES.	1890-91	1889-90	1888-89	DATES.	1890-91	1889-90	1888-89
September 2	21 1/2 @ 21 3/4	18 1/2 @ 19	16 1/2 @ 17	September 2	5 1/2 @ 5 3/4	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4
9	21 1/2 @ 21 3/4	19 1/2 @ 20	16 1/2 @ 17	9	5 1/2 @ 5 3/4	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4
16	21 1/2 @ 21 3/4	19 1/2 @ 20	16 1/2 @ 17	16	5 1/2 @ 5 3/4	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4
23	21 1/2 @ 21 3/4	19 1/2 @ 20	16 1/2 @ 17	23	5 1/2 @ 5 3/4	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4
30	21 1/2 @ 21 3/4	19 1/2 @ 20	16 1/2 @ 17	30	5 1/2 @ 5 3/4	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4
October 7	21 1/2 @ 21 3/4	19 1/2 @ 20	16 1/2 @ 16 3/4	October 7	5 1/2 @ 5 3/4	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4
14	21 1/2 @ 21 3/4	19 1/2 @ 20	16 1/2 @ 16 3/4	14	5 1/2 @ 5 3/4	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4
21	21 1/2 @ 21 3/4	19 1/2 @ 20	16 1/2 @ 17 1/4	21	5 1/2 @ 5 3/4	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4
28	21 1/2 @ 21 3/4	19 1/2 @ 20	16 1/2 @ 16 3/4	28	5 1/2 @ 5 3/4	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4
November 4	21 1/2 @ 21 3/4	19 1/2 @ 20	16 1/2 @ 16 3/4	November 4	5 1/2 @ 5 3/4	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4
11	21 1/2 @ 21 3/4	19 1/2 @ 20	16 1/2 @ 16 3/4	11	5 1/2 @ 5 3/4	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4
18	21 1/2 @ 21 3/4	20 1/2 @ 21	17 1/2 @ 18 1/4	18	5 1/2 @ 5 3/4	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4
25	20 1/2 @ 20 3/4	20 1/2 @ 21	17 1/2 @ 17 3/4	25	5 1/2 @ 5 3/4	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4
December 2	21 1/2 @ 21 3/4	20 1/2 @ 21	17 1/2 @ 17 3/4	December 2	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4
9	21 1/2 @ 21 3/4	20 1/2 @ 21	17 1/2 @ 17 3/4	9	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4
16	21 1/2 @ 21 3/4	20 1/2 @ 21	17 1/2 @ 17 3/4	16	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4
23	20 1/2 @ 20 3/4	20 1/2 @ 21	18 1/2 @ 18 3/4	23	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4
30	20 1/2 @ 20 3/4	20 1/2 @ 21	18 1/2 @ 18 3/4	30	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4
January 6	20 1/2 @ 20 3/4	20 1/2 @ 21	18 1/2 @ 18 3/4	January 6	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4
13	20 1/2 @ 20 3/4	20 1/2 @ 21	18 1/2 @ 18 3/4	13	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4
20	20 1/2 @ 20 3/4	20 1/2 @ 21	18 1/2 @ 18 3/4	20	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4
27	20 1/2 @ 20 3/4	20 1/2 @ 21	18 1/2 @ 18 3/4	27	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4
February 3	20 1/2 @ 20 3/4	20 1/2 @ 21	18 1/2 @ 18 3/4	February 3	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4
10	20 1/2 @ 20 3/4	20 1/2 @ 21	18 1/2 @ 18 3/4	10	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4
17	20 1/2 @ 20 3/4	20 1/2 @ 21	18 1/2 @ 18 3/4	17	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4
24	20 1/2 @ 20 3/4	21 1/2 @ 21 3/4	19 1/2 @ 19 3/4	24	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4
March 3	20 1/2 @ 21	21 1/2 @ 21 3/4	19 1/2 @ 19 3/4	March 3	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4
10	20 1/2 @ 21	21 1/2 @ 21 3/4	19 1/2 @ 19 3/4	10	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4
17	21 1/2 @ 21 3/4	21 1/2 @ 21 3/4	19 1/2 @ 19 3/4	17	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4
24	21 1/2 @ 21 3/4	21 1/2 @ 21 3/4	19 1/2 @ 19 3/4	24	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4
31	21 1/2 @ 21 3/4	21 1/2 @ 21 3/4	19 1/2 @ 19 3/4	31	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4
April 7	21 1/2 @ 21 3/4	21 1/2 @ 21 3/4	19 1/2 @ 19 3/4	April 7	5 1/2 @ 5 3/4	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4
14	20 1/2 @ 21	21 1/2 @ 21 3/4	19 1/2 @ 19 3/4	14	5 1/2 @ 5 3/4	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4
21	20 1/2 @ 21	21 1/2 @ 21 3/4	19 1/2 @ 19 3/4	21	5 1/2 @ 5 3/4	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4
28	20 1/2 @ 21	21 1/2 @ 22	19 1/2 @ 19 3/4	28	5 1/2 @ 5 3/4	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4
May 5	21 1/2 @ 21 3/4	21 1/2 @ 21 3/4	19 1/2 @ 19 3/4	May 5	5 1/2 @ 5 3/4	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4
12	21 1/2 @ 21 3/4	21 1/2 @ 21 3/4	19 1/2 @ 19 3/4	12	5 1/2 @ 5 3/4	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4
19	21 1/2 @ 21 3/4	21 1/2 @ 21 3/4	19 1/2 @ 19 3/4	19	5 1/2 @ 5 3/4	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4
26	21 1/2 @ 21 3/4	21 1/2 @ 21 3/4	19 1/2 @ 19 3/4	26	5 1/2 @ 5 3/4	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4
June 2	21 1/2 @ 21 3/4	21 1/2 @ 21 3/4	19 1/2 @ 19 3/4	June 2	5 1/2 @ 5 3/4	4 1/2 @ 5 1/4	4 1/2 @ 5 1/4
9	20 1/2 @ 21	21 1/2 @ 21 3/4	19 1/2 @ 19 3/4	9	5 1/2 @ 5 3/4	5 1/2 @ 5 3/4	4 1/2 @ 5 1/4
16	20 1/2 @ 20 3/4	20 1/2 @ 21	19 1/2 @ 19 3/4	16	5 1/2 @ 5 3/4	5 1/2 @ 5 3/4	4 1/2 @ 5 1/4
23	20 1/2 @ 20 3/4	20 1/2 @ 21	19 1/2 @ 19 3/4	23	5 1/2 @ 5 3/4	5 1/2 @ 5 3/4	4 1/2 @ 5 1/4
30	20 1/2 @ 20 3/4	20 1/2 @ 21	18 1/2 @ 19	30	5 1/2 @ 5 3/4	5 1/2 @ 5 3/4	4 1/2 @ 5 1/4
July 7	20 1/2 @ 20 3/4	20 1/2 @ 21	18 1/2 @ 19	July 7	5 1/2 @ 5 3/4	5 1/2 @ 5 3/4	4 1/2 @ 5 1/4
14	20 1/2 @ 20 3/4	20 1/2 @ 21	18 1/2 @ 19	14	5 1/2 @ 5 3/4	5 1/2 @ 5 3/4	4 1/2 @ 5 1/4
21	20 1/2 @ 20 3/4	20 1/2 @ 21	18 1/2 @ 19	21	4 1/2 @ 5 1/4	5 1/2 @ 5 3/4	4 1/2 @ 5 1/4
28	20 1/2 @ 20 3/4	20 1/2 @ 21	18 1/2 @ 19	28	4 1/2 @ 5 1/4	5 1/2 @ 5 3/4	4 1/2 @ 5 1/4
August 4	20 1/2 @ 20 3/4	20 1/2 @ 21	18 1/2 @ 19	August 4	4 1/2 @ 5 1/4	5 1/2 @ 5 3/4	4 1/2 @ 5 1/4
11	20 1/2 @ 20 3/4	20 1/2 @ 21	18 1/2 @ 19	11	4 1/2 @ 5 1/4	5 1/2 @ 5 3/4	4 1/2 @ 5 1/4
18	20 1/2 @ 20 3/4	21 1/2 @ 21 3/4	18 1/2 @ 19	18	4 1/2 @ 5 1/4	5 1/2 @ 5 3/4	4 1/2 @ 5 1/4
25	20 1/2 @ 20 3/4	21 1/2 @ 21 3/4	18 1/2 @ 19	25	4 1/2 @ 5 1/4	6 1/2 @ 6 1/2	4 1/2 @ 5 1/4

* No session of the Chamber. Quotations of the following day.

PRICES OF GROCERIES.

Prices of all grades of Coffee, per pound, at Cincinnati, at the close of August, in six years, as indicated :

GRADES.	1891	1890	1889	1888	1887	1886
Rio, common.....	18 @18½	18 @18½	16 @16½	13 @13½	18½ @19	8½ @ 9
Rio, ordinary.....	18½ @19	19 @19½	17 @17½	14 @14½	19 @19½	.....
Rio, fair.....	19 @19½	20 @20½	17½ @17¾	15 @15½	19½ @20	9½ @ 98½
Rio, good.....	19½ @20	20½ @21½	18 @18½	15½ @16	20 @20½	10 @ 10½
Rio, prime.....	20 @20½	21½ @21¾	18½ @19	16½ @17	20½ @21	10½ @10¾
Rio, choice.....	20½ @21	21¾ @22	19½ @20	17½ @18	21¼ @21½	11 @11½
Rio, fancy.....	21 @22	22 @22½	20½ @21	18 @19	23 @23½	12 @12½
Java, Government	24 @26	23 @28	23 @26	23 @26	27 @28	19 @24
Laguayra.....	.....	.....	.....	.....	.....	11 @13
Mocha.....	26 @27	26 @28	28 @29	25 @26	27 @28	22 @24

Prices of the various kinds of Sugar, per pound, at Cincinnati, at the close of August, as indicated :

KINDS.	1891	1890	1889	KINDS.	1891	1890	1889
New Orleans, choice.....	4½	.....	.....	Refined, cubes.....	4½	6½ @6½	9½ @9½
" " prime.....	4	.....	8	" powdered.....	4¾	6¾ @6¾	9¾ @9¾
" " fully fair.....	3¾	.....	.....	" granulated.....	4¾	6¾ @6¾	9¾ @9¾
" " good fair.....	3¾	.....	.....	" "A White".....	4½ @4½	6½ @6½	8¾ @8¾
" " fair.....	3¾	.....	.....	" extra "C".....	3¾	5¾ @5½	8½ @8½
" " common.....	3½	.....	.....	" yellow.....	3¾	5 @5½	8 @8½
" " clarified, white	4¾	6¾ @6½	8¾ @9				

* None in the market.

Prices of the various kinds of Molasses and Syrups, per gallon, at Cincinnati, at the close of August, as indicated :

KINDS.	1891	1890	1889	KINDS.	1891	1890	1889
New Orleans, choice.....	35 @38	45 @50	40 @45	New Orleans, common...	18 @20	25	25
" " prime.....	30 @33	38 @43	38 @40	Syrup, corn and sugar....	.....	30 @31	24 @25
" " good.....	25 @28	33 @35	35 @38	Sorghum, prime to choice	30 @33	30 @35	20 @22
" " fair.....	23 @24	28 @32	30 @35				

PRICES OF OILS AND TALLOW.

Quotations for Lard Oil, Linseed Oil, Petroleum (Carbon Oil, 120° flash test), per gallon, and Tallow, per pound, at Cincinnati, on Tuesday of each week, in two years:

DATES.	LARD OIL.		LINSEED OIL.		CARBON OIL.		TALLOW.	
	1890-91	1889-90	1890-91	1889-90	1890-91	1889-90	1890-91	1889-90
September 2...	50	56@60	57@59	58@60	8 1/2	8	5	4 3/4
9...	50	56@60	57@59	57@59	8 1/2	8	5	4 3/4
16...	50	56@60	60@62	57@59	8 1/2	8	5 1/2@5 1/4	4 3/4
23...	50	56@60	60@62	57@59	8 1/2	8	5 1/2@5 1/4	4 3/4
30...	50	56@60	60@62	57@59	8 1/2	8	5 1/2@5 1/4	4 3/4
October 7...	50	56@60	60@62	57@59	8 1/2	8	5	4 3/4
14...	50	56@60	59@61	57@59	8 1/2	8	5	4 3/4
21...	†52@55	†62@64	59@61	56@58	8 1/2	8	4 3/4@4 1/2	4 3/4
28...	52@55	62@64	59@61	56@58	8 1/2	8	4 3/4@4 1/2	4 3/4
November 4...	52@55	62@64	58@60	56@58	8 1/2	8	4 3/4	4 1/2
11...	52@55	62@64	56@58	56@58	8 1/2	8	4 3/4	4 1/2
18...	52@55	62@64	56@58	56@58	8 1/2	8	4 3/4	4 1/2
25...	52@55	62@64	56@58	56@58	8 1/2	8	4 3/4	4 1/2
December 2...	52@55	62@64	51@56	56@58	8 1/2	8 1/2	4 3/4	4 1/2
9...	52@55	62@64	54@55	56@58	8 1/2	8 1/2	4 3/4	4 1/2
16...	52@55	62@64	52@54	56@58	8 (8 1/2)	8 1/2	4 3/4	4 1/2
23...	51@53	62@64	50@52	57@59	8 (8 1/2)	8 1/2	4 3/4	4 1/2
30...	51@53	62@64	48@50	57@59	8 (8 1/2)	8 1/2	4 1/2@4 3/4	4 1/2
January 6...	51@53	60@62	48@50	58@60	8 (8 1/2)	8 1/2	4 3/4	4 1/2
13...	51@53	60@62	51@53	58@60	8 (8 1/2)	8 1/2	4 3/4	4 1/2
20...	51@53	60@62	51@53	58@60	8 (8 1/2)	8 1/2	4 3/4	4 1/2
27...	51@53	60@62	51@53	58@60	7 1/2@8	8 1/2	4 3/4	4 1/2
February 3...	51@53	60@62	52@54	59@61	7 1/2@8	8 1/2	4 3/4	4 1/2
10...	51@53	60@62	52@54	59@61	7 1/2@8	8 1/2	4 3/4	4 1/2
17...	51@53	60@62	53@55	59@61	7 1/2@8	8 1/2	4 3/4	4 1/2
24...	51@53	60@62	53@55	59@61	7 1/2@8	8 1/2	4 3/4	4 1/2
March 3...	51@53	55@58	53@55	59@61	7 1/2@8	8 1/2	4 3/4	4 1/2
10...	51@53	55@58	53@55	59@61	7 1/2@8	8 1/2	4 3/4	4 1/2
17...	51@53	55@58	53@55	59@61	7 1/2@8	8 1/2	4 3/4	4 1/2
24...	52@55	55@58	53@55	59@61	7 1/2@8	8 1/2	4 3/4	4 1/2
31...	52@55	55@58	54@56	59@61	7 1/2@8	8 1/2	4 3/4	4 1/2
April 7...	52@55	55@58	54@56	60@62	7 1/2@8	8 1/2	4 3/4	4 1/2
14...	52@55	55@58	54@56	60@62	7 1/2@8	8 1/2	4 3/4	4 1/2
21...	52@55	55@58	54@56	60@62	7 1/2@8	8 1/2	4 3/4	4 1/2
28...	52@55	54@57	54@56	60@62	7 1/2@8	8 1/2	5 (4 5/8)	4 1/2
May 5...	52@55	54@57	54@56	60@62	7 1/2@8	8 1/2	5 1/4	4 1/2
12...	52@55	54@57	54@56	60@62	7 1/2@8	8 1/2	5 1/4	4 1/2
19...	52@55	54@57	54@56	60@62	7 1/2@8	8 1/2	5 1/4	4 1/2
26...	52@55	54@57	54@56	60@62	7 1/2@8	8 1/2	5 (4 5/8)	4 1/2
June 2...	52@55	54@57	50@52	60@62	7 1/2@8	8 1/2	5	4 1/2
9...	†52@55	†50	50@52	60@62	7 (7 1/2)	8 1/2	5	4 1/2
16...	52@55	50	50@52	60@62	7 (7 1/2)	8 1/2	5	4 1/2
23...	52@55	50	47@49	60@62	7 (7 1/2)	8 1/2	5	4 1/2
30...	52@55	50	45@47	60@62	6 1/2@7	8 1/2	5	4 1/2
July 7...	52@55	50	43@45	60@62	6 1/2@7	8 1/2	5	4 1/2
14...	52@55	50	43@45	60@62	6 1/2@7	8 1/2	5	4 1/2
21...	52@55	50	43@45	60@62	6 1/2@7	8 1/2	5	4 1/2
28...	52@55	50	43@45	60@62	6 1/2@7	8 1/2	5	4 1/2
August 4...	52@55	50	37@39	60@62	6 1/2@7	8 1/2	5	4 1/2
11...	52@55	50	37@39	57@59	6 1/2@7	8 1/2	5	4 1/2
18...	52@55	50	37@39	57@59	6 1/2@7	8 1/2	5	4 1/2
25...	52@55	50	38@40	57@59	6 1/2@7	8 1/2	5	4 1/2

* No session of the Chamber. Quotations of the following day.

† Extra winter test, from October 21 to June 16, inclusive, in 1890-91, and from October 22 to June 17, inclusive in 1889-90. Extra during the remainder of the period.

COMPARATIVE PRICES OF OILS.

Prices of Oils under the head of Petroleum, per gallon, which are quoted by the Chamber of Commerce, at Cincinnati, on the last day of August, as indicated :

KINDS.	1890-91	1889-90	1888-89	1887-88	1886-87	1885-86	1884-85
Carbon oil, 110° fire test.....		7½ @ 8	7½	7½	7½	7½	8½
" 120° flash test.....	6½ @ 7	8½	8	8	7½	8½ @ 8½	8½ @ 9½
" 150° W. W.....	8 @ 8½	10½ @ 11	10 @ 10½	10 @ 10½	9½	10 @ 10½	10½ @ 11½
" H. L., 175° fire test.....	9 @ 9½	11 @ 11½	10½ @ 11	11 @ 11½	10½	11½ @ 12½	12½ @ 12½
West Virginia, 28° gravity.....	20 @ 22	20 @ 22	20 @ 22	20 @ 22	20 @ 22	20 @ 22	20 @ 22
" 29° ".....	18 @ 20	18 @ 20	18 @ 20	18 @ 20	18 @ 20	18 @ 20	18 @ 20

Average annual quotations of Carbon Oil, per gallon, at Cincinnati, for years indicated :

YEARS.	120° flash test.	110° fire test.	YEARS.	120° flash test.	110° fire test.	YEARS.	120° flash test.	110° fire test.
1872-73.....		21.90	1879-80.....	12.54	10.31	1886-87.....	8.04	7.72
1873-74.....		15.30	1880-81.....	12.47	10.73	1887-88.....	8.16	7.75
1874-75.....		12.80	1881-82.....	9.03	8.33	1888-89.....	8.19	7.50
1875-76.....		13.83	1882-83.....	10.42	9.41	1889-90.....	8.38	7.69
1876-77.....		20.45	1883-84.....	10.01	9.25	1890-91.....	7.82	....
1877-78.....		12.95	1884-85.....	8.93	8.19			
1878-79.....		10.15	1885-86.....	8.65	8.21			

Average annual quotation of Lard Oil, per gallon, at Cincinnati, for years indicated :

1874-75.....	\$1 06 80	1879-80.....	\$0 59 60	1883-84.....	\$0 69 28	1887-88.....	\$0 61 37
1875-76.....	1 03 30	1880-81.....	78.70	1884-85.....	58.26	1888-89.....	67.88
1876-77.....	88.60	1881-82.....	91.48	1885-86.....	51.41	1889-90.....	57.22
1877-78.....	68	1882-83.....	91.17	1886-87.....	54.95	1890-91.....	52.51
1878-79.....	54 60						

Average annual quotation of Linseed Oil, per gallon, at Cincinnati, for years indicated :

1867-68.....	\$1 13	1875-76.....	\$0 58.12	1883-84.....	\$0 55.45
1868-69.....	1 02.62	1876-77.....	62	1884-85.....	48.71
1869-70.....	96.75	1877-78.....	56.85	1885-86.....	40.82
1870-71.....	93.25	1878-79.....	61.85	1886-87.....	40.67
1871-72.....	85.12	1879-80.....	71.67	1887-88.....	50.28
1872-73.....	90.40	1880-81.....	53.95	1888-89.....	56.92
1873-74.....	97.15	1881-82.....	58.36	1889-90.....	59.80
1874-75.....	76.46	1882-83.....	52.67	1890-91.....	52.67

PRICES OF CANDLES, SOAP AND STARCH.

Monthly range of prices of Star Candles, per pound, at Cincinnati, as indicated:

MONTHS.	1890-91	1889-90	1888-89	MONTHS.	1890-91	1889-90	1888-89
September.....	8 @9	8 @ 9	9 @ 9½	March.....	8 @8½	8 @ 9	9½ @10
October.....	8 @9½	8 @ 9	9 @ 9½	April.....	8 @8½	8 @ 9	8½ @ 9½
November.....	8½ @9	8 @ 9	9 @ 9½	May.....	8 @8½	8 @ 9	8½ @ 9½
December.....	8 @9	8 @ 9	9 @ 9½	June.....	8 @8½	8 @ 9	8½ @ 9½
January.....	8 @8½	8 @ 9	9 @10	July.....	8 @8½	8 @ 9	8½ @ 9½
February.....	8½ @9½	8 @ 9	9½ @10	August.....	8 @9½	8 @ 9	8 @ 9

Prices of leading kinds of Soap, at Cincinnati, at the close of August, as indicated:

KINDS.	1891	1890	1889	1888	1887
German, per box (60 lbs.)..	\$3 10 @3 15	\$2 40 @2 47	\$2 40 @2 47	\$2 18 @2 25	\$2 78 @2 85
Oleine, " (60 lbs.)..	3 10 @3 15	2 90 @2 95	3 10 @3 15	2 93 @3 00	3 53 @3 60
Family, " (60 lbs.)..	2 30 @2 35	1 80 @1 85	2 20 @2 25	2 18 @2 25	2 18 @2 25
Castile, mottled, per lb.	7¼ @ 8	6½ @ 7½	6½ @ 7½	6½ @ 7½	6½ @ 7½
Castile, white, "	11¼ @ 12	11½ @ 13½	11½ @ 13½	11½ @ 13½	11½ @ 13½
Extra Olive, per box (60 lbs.)	2 65 @2 70	2 65 @2 70	2 80 @2 85	2 63 @2 70	2 48 @2 55
Queen Olive, " (62½ lbs.)	3 40 @3 45	3 40 @3 45	3 40 @3 45	3 43 @3 50	3 43 @3 50
Lenox, " (75 lbs.)	3 60 @3 65	3 70 @3 75	3 80 @3 85	3 78 @3 85	3 78 @3 85
Town Talk, " (62½ lbs.)	2 95 @3 00	2 95 @3 00	2 95 @3 00	3 33 @3 40	3 33 @3 40
Ivory, " (62½ lbs.)	6 70 @6 75	6 70 @6 75	6 70 @6 75	6 68 @6 75	6 68 @6 75

Average annual price of Star Candles, and best Cincinnati Soap, at Cincinnati, for years indicated:

YEARS.	Candles.	Soap.	YEARS.	Candles.	Soap.	YEARS.	Candles.	Soap.
1873-74.....	17.40	.....	1879-80.....	12.47	5.21	1885-86.....	10.25	5.24
1874-75.....	17.10	6.7	1880-81.....	13.10	4.87	1886-87.....	8.09	4.43
1875-76.....	16	6.90	1881-82.....	14.86	6.59	1887-88.....	8.42	4.69
1876-77.....	14.80	6.12	1882-83.....	15	6.62	1888-89.....	9.14	5.36
1877-78.....	13.50	5.65	1883-84.....	14.36	6.62	1889-90.....	8.50	5.25
1878-79.....	12.07	5.3	1884-85.....	12.62	6.18	1890-91.....	8.50	6.75

Average annual price of Starch, per pound, at Cincinnati, for years indicated:

1874-75.....	4.88	1880-81.....	3.10	1886-87.....	2.48
1875-76.....	4.31	1881-82.....	4.21	1887-88.....	2.69
1876-77.....	3.93	1882-83.....	3.93	1888-89.....	2.44
1877-78.....	3.17	1883-84.....	3.05	1889-90.....	2.61
1878-79.....	2.62	1884-85.....	2.91	1890-91.....	4
1879-80.....	3.08	1885-86.....	2.52		

NOTE.—In 1890-91 the price of Starch was uniformly 4 cents throughout the year.

AVERAGE ANNUAL PRICES OF STAPLE PRODUCTS.

Average annual prices of Staple Articles indicated, at Cincinnati, for years ending August 31:

YEARS.	Butter, Dairy.	Butter, Creamery.	Butterine.	Cheese, Factory.	Eggs, Selected.	Beans, Navy.	Potatoes, Standard.	Apples, Green.	Apples, Dried.	Peaches, Dried.
	Lb.	Lb.	Lb.	Lb.	Doz.	Bush.	Bbl.	Bbl.	Lb.	Lb.
1871-72.....	20.04	.....	.....	14.50	19.00	\$2 31	\$2 25	\$3 44	8.50	8.40
1872-73.....	23.20	.....	.....	14.50	21.00	2 66	2 00	2 48	5.30	6.10
1873-74.....	27.00	.....	.....	14.70	17.30	2 32	2 75	3 59	10.30	13.00
1874-75.....	25.33	.....	.....	14.00	20.19	1 98	2 75	2 87	6.40	8.68
1875-76.....	23.16	.....	.....	11.40	16.60	1 29	1 50	3 70	10.18	12.00
1876-77.....	18.68	.....	.....	12.20	16.60	2 06	2 82	2 25	4.50	11.90
1877-78.....	17.80	.....	.....	10.90	12.57	1 24	1 44	3 30	4.50	5.80
1878-79.....	13.77	.....	.....	7.30	14.42	1 50	1 83	1 85	2.90	3.50
1879-80.....	17.44	26.60	.....	11.47	12.37	1 56	1 16	2 55	6.43	7.79
1880-81.....	22.02	30.64	15.50	11.41	18.00	2 13	2 18	2 16	4.14	5.77
1881-82.....	26.63	35.90	17.00	11.36	18 92	3 07	3 30	3 51	5.95	6.35
1882-83.....	23.16	32.05	17.04	10.88	18.58	2 39	2 09	3 31	6.76	6.28
1883-84.....	24.18	31.01	15.31	9.62	18.85	2 50	1 47	3 24	6.01	6.07
1884-85.....	16.45	25.34	14.56	9.24	16.50	1 50	1 59	2 15	3.31	7.29
1885-86.....	14.12	20.07	11.93	9.41	13.58	1 50	1 54	1 35	2.40	3.20
1886-87.....	18.82	21.52	14.50	11.19	14.60	1 62	1 69	2 59	3.99	5.58
1887-88.....	17.49	23.99	15.19	10.39	15.84	2 46	2 74	2 20	6.03	6.97
1888-89.....	14.66	22.01	16.29	9.69	13.50	1 94	1 30	1 54	3.01	2.82
1889-90.....	13.50	20.84	15.50	9.00	13.54	1 93	1 67	2 82	3.72	3.11
1890-91.....	14.98	22.89	16.23	9.69	16.30	2 23	2 99	3 49	9.07	8.16

YEARS.	Clover Seed.	Timothy Seed	Flax Seed.	Linseed Oil.	Bran.	Middlings, Fine.	Middlings, Coarse.	Shipstuf.	Hay, Timothy	Bark, Tanners'.
	Lb.	Bush.	Bush.	Gall.	Ton.	Ton.	Ton.	Ton.	Ton.	Cord.
1871-72.....	10.00	\$3 07	\$1 59	85	\$15 95	\$25 00	\$21 75	\$18 41	\$20 79	\$13 00
1872-73.....	8.90	3 52	1 57	90	12 54	20 15	17 10	14 96	22 18	20 91
1873-74.....	9.10	3 05	1 80	97	14 96	23 29	19 62	16 55	17 16	14 48
1874-75.....	10.98	2 69	1 67	76	18 47	27 67	24 04	20 31	20 98	13 81
1875-76.....	14.33	2 52	1 24	58	12 58	22 42	18 99	15 58	17 66	12 75
1876-77.....	13.70	1 66	1 21	62	12 80	21 23	17 84	14 80	14 67	17 42
1877-78.....	7.76	1 25	1 14	57	11 86	18 82	16 36	13 47	9 96	10 30
1878-79.....	6.32	1 24	1 13	62	10 32	15 64	13 50	11 45	10 79	11 28
1879-80.....	7.16	2 36	1 21	71	12 03	18 45	15 82	13 11	15 87	12 33
1880-81.....	7.63	2 45	1 11	54	13 11	18 91	16 56	14 40	16 36	18 06
1881-82.....	8.00	2 42	1 19	58	17 78	25 44	22 98	19 77	17 90	14 16
1882-83.....	11.14	1 70	1 12	52	13 25	19 00	16 91	14 55	12 39	14 27
1883-84.....	8.81	1 35	1 31	55	13 88	18 62	16 17	14 99	11 63	13 81
1884-85.....	8.02	1 41	1 31	49	12 96	16 18	14 49	13 75	12 81	11 02
1885-86.....	9.27	1 83	1 06	41	11 76	14 84	13 26	11 85	12 16	12 61
1886-87.....	7.05	1 87	1 07	40	12 85	14 62	13 21	12 94	11 17	12 43
1887-88.....	6.77	2 44	1 14	50	15 66	17 71	16 56	15 83	14 79	12 22
1888-89.....	7.78	1 50	1 25	57	12 07	13 86	12 66	11 92	12 74	10 91
1889-90.....	5.64	1 30	1 26	59	11 16	12 76	11 49	11 13	10 56	13 64
1890-91.....	6.88	1 30	1 18	53	16 64	19 57	18 27	16 99	10 58	11 87

NOTE.—Butter and Cheese, prime to choice; Beans, prime quality; Potatoes, leading varieties; Apples, Green, prime to choice; Apples and Peaches, Dried, prime to choice. All prices refer to lots in storé. Clover, Timothy and Flax Seed, prime to choice, on arrival; Bran, Middlings, Shipstuf, Hay and Bark, on arrival.

AVERAGE ANNUAL PRICES OF STAPLE PRODUCTS.

Average annual prices of Staple Articles indicated, at Cincinnati, for years ending August 31:

YEARS.	Cattle, gross.	Sheep, gross.	Hogs, gross.	Pork Barrels.	Whisky Barrels.	Ohio River Salt.	Liverpool Salt.	Leaf Tobacco.	Peanuts, White.	Coal, Pittsburgh.
	100 Lbs.	100 Lbs.	100 Lbs.	Each.	Each.	Bbl.	Bag.	Lb.	Lb.	Ton.
1871-72	\$4.73	\$4.41	\$4.36	\$1.34	\$1.85	\$2.15	\$1.97	13.00	....	\$6.30
1872-73	4.99	4.76	3.92	1.15	1.94	1.95	2.23	10.50	....	5.75
1873-74	3.90	4.50	4.58	1.22	1.81	1.65	1.65	15.50	....	4.45
1874-75	4.31	4.89	6.99	1.09	1.56	1.55	1.43	16.50	....	3.89
1875-76	3.95	4.75	7.27	.89	1.29	1.41	1.38	10.50	....	3.36
1876-77	3.51	4.53	5.90	.98	1.29	1.21	1.16	8.75	4.92	3.16
1877-78	3.04	4.07	4.20	.83	1.25	.98	1.18	8.00	5.25	3.05
1878-79	2.96	4.00	2.81	.89	1.20	1.11	1.03	14.50	4.94	3.09
1879-80	2.84	1.56	4.36	.90	1.29	1.23	1.12	11.83	4.26	3.67
1880-81	3.45	4.66	4.61	.85	1.34	1.05	1.04	14.25	3.91	4.16
1881-82	3.97	4.90	6.24	.90	1.36	1.20	1.08	10.86	6.87	4.02
1882-83	3.95	4.76	6.44	.88	1.41	1.05	1.22	10.81	6.68	3.50
1883-84	3.95	4.68	5.24	.91	1.42	1.06	1.00	8.50	6.65	3.29
1884-85	3.53	3.99	4.44	.82	1.42	1.00	.93	8.00	3.41	3.03
1885-86	3.24	4.13	3.82	.83	1.39	.97	.92	6.00	3.78	2.79
1886-87	2.98	4.10	4.28	.81	1.35	.87	.96	12.00	3.64	3.06
1887-88	3.04	4.58	5.18	.78	1.29	.94	.99	13.50	3.63	3.88
1888-89	2.84	4.46	5.15	.85	1.44	.93	.99	9.50	5.57	2.76
1889-90	3.90	4.84	3.74	.83	1.50	.90	.99	8.00	6.50	2.69
1890-91	3.28	4.83	3.64	.79	1.51	.93	1.15	8.00	3.50	2.81

YEARS.	Tallow.	Hides.	Leather.	Wool.	Feathers.	Hops.	Lead.	Shot.	Nails.	Candles.
	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	25 Lbs.	Keg.	Lb.
1871-72	8.69	....	38.60	62.98	64	64.60	7.57	\$2.57	\$4.90	19.00
1872-73	8.40	....	40.10	48.31	66	45.90	7.64	1.75	5.20	19.60
1873-74	7.40	....	38.30	45.16	57	35.40	7.21	1.39	3.95	17.40
1874-75	8.50	....	36.70	44.18	49	40.40	6.75	1.06	3.26	17.10
1875-76	8.77	....	34.34	35.08	52	18.30	6.94	1.10	2.80	16.00
1876-77	7.97	9.47	33.80	37.05	45	22.66	6.40	1.25	2.67	14.80
1877-78	7.20	9.11	32.69	34.36	40	11.26	4.85	1.91	2.22	13.50
1878-79	6.08	8.16	30.63	30.79	40	12.90	3.83	1.60	2.02	12.07
1879-80	6.08	9.65	34.38	42.79	45	37.58	4.99	1.86	3.69	12.47
1880-81	6.30	9.93	36.00	39.61	48	22.50	4.60	1.87	2.82	13.10
1881-82	8.23	9.89	37.20	35.17	50	30.61	4.92	1.79	3.31	14.86
1882-83	8.25	9.38	36.69	35.73	57	78.07	4.39	1.55	3.16	15.00
1883-84	7.26	9.44	33.12	31.50	53	28.03	3.71	1.70	2.46	14.36
1884-85	6.18	9.22	29.87	28.52	48	18.66	3.65	1.50	2.18	12.62
1885-86	4.82	9.70	29.46	30.07	45	13.95	4.50	1.49	2.26	10.25
1886-87	1.22	9.17	30.78	31.10	40	25.35	4.50	1.37	2.24	8.09
1887-88	4.56	7.98	29.25	27.37	40	15.86	4.42	1.23	1.97	8.42
1888-89	5.12	7.00	29.49	29.55	44	22.46	3.82	1.12	1.87	9.14
1889-90	4.52	6.77	27.82	30.15	42	17.40	3.94	1.12	2.26	8.50
1890-91	4.90	5.75	27.70	29.67	41	34.93	4.14	1.37	1.84	8.40

NOTE.—Cattle, prime beef; Sheep, good to extra mutton; Hogs, average of winter packing season; Salt, Ohio River (and Kanawha), barrel of 280 pounds; Liverpool Salt, coarse grade; Leaf Tobacco, white burley, basis of sales of all grades; Coal, delivered; Tallow, prime city rendered; Hides, light to heavy, wet salted; Leather, best light to heavy, city-tanned Oak sole; Wool, Ohio fleece-washed; Feathers, prime; Hops, choice; Nails, 12d; Candles, Star.

PRICES OF BUTTER.

Quotations for Choice Dairy Butter, and Extra Creamery Butter, per pound, at Cincinnati, on Tuesday of each week, in three years :

CHOICE DAIRY BUTTER.				EXTRA CREAMERY BUTTER.			
DATES.	1890-91	1889-90	1888-89	DATES.	1890-91	1889-90	1888-89
September 2.....	14 @15	10@12	14@15	September 2.....	22@23	16@17	19@20
9.....	13 @14	10@12	14@15	9.....	23@24	16@17	19@20
16.....	12 @13	13@15	14@15	16.....	22@23	18@20	19@20
23.....	12 @13	15@16	11@15	23.....	22@23	20@22	19@20
30.....	12 @14	15@16	14@15	30.....	22@23	20@22	19@20
October 7.....	13 @14	15@16	14@15	October 7.....	22@23	20@22	19@20
14.....	13 @14	15@16	14@16	14.....	22@23	20@22	19@20
21.....	10 @12	13@15	15@16	21.....	22@23	19@20	20@22
28.....	12 @14	13@14	15@16	28.....	24@25	19@20	22@23
November 4.....	12 @14	*13@14	*15@16	November 4.....	24@25	*19@23	*22@23
11.....	13 @15	13@15	17@18	11.....	25@26	20@22	25@27
18.....	13 @14	13@14	18@20	18.....	25@26	20@22	27@29
25.....	12 @14	13@15	18@20	25.....	23@25	20@22	29@30
December 2.....	12 @14	15@16	21@23	December 2.....	23@25	24@25	30@33
9.....	12 @14	15@16	20@22	9.....	23@25	25@27	23@30
16.....	14 @15	15@16	19@21	16.....	23@25	26@27	30@31
23.....	14 @16	15@16	*19@21	23.....	23@25	26@27	*30@31
30.....	14 @16	15@16	*19@21	30.....	24@26	25@26	*30@31
January 6.....	14 @16	15@16	16@19	January 6.....	23@25	25@26	27@29
13.....	15 @16	15@16	12@14	13.....	23@25	25@26	18@24
20.....	15 @16	15@16	12@14	20.....	23@25	25@26	22@24
27.....	15 @16	15@16	12@14	27.....	23@25	25@26	22@24
February 3.....	15 @16	15@16	15@16	February 3.....	22@21	25@26	25@27
10.....	15 @17	15@16	15@16	10.....	21@23	25@26	25@27
17.....	15 @18	15@16	15@16	17.....	22@24	25@26	27@29
24.....	15 @18	15@16	15@18	24.....	23@25	25@26	27@29
March 3.....	19 @20	15@16	16@17	March 3.....	27@28	25@26	26@28
10.....	22 @25	15@17	16@17	10.....	28@30	24@25	26@28
17.....	22 @25	15@17	17@18	17.....	27@30	23@24	26@28
24.....	22 @24	15@17	17@18	24.....	24@25	23@24	23@25
31.....	21 @24	15@17	15@16	31.....	24@25	23@24	23@24
April 7.....	21 @24	15@17	15@16	April 7.....	24@25	21@23	23@24
14.....	20 @22	14@16	15@16	14.....	23@24	18@21	23@24
21.....	20 @22	12@14	15@16	21.....	23@21	18@20	22@23
28.....	22 @25	12@13	*15@16	28.....	27@28	17@19	*21@23
May 5.....	22 @25	12@13	14@15	May 5.....	27@28	18@19	17@18
12.....	18 @19	12@13	10@12	12.....	25@28	17@19	16@17
19.....	10 @11	12@14	10@12	19.....	18@20	17@19	16@17
26.....	10	10@13	10@12	26.....	17@18	14@15	16@17
June 2.....	10	10@13	10@12	June 2.....	17@18	14@15	16@17
9.....	10 @11	8@9	10@12	9.....	18@19	14@15	16@17
16.....	10 1/2 @11	8@9	10@12	16.....	18@19	13@15	16@17
23.....	10 1/2 @11	8@9	10@12	23.....	18@19	15@17	16@17
30.....	11 @12	8@9	10@12	30.....	18@19	15@17	16@17
July 7.....	11 @12	8@9	10@12	July 7.....	18@19	15@17	16@17
14.....	11 @12	9@10	10@12	14.....	18@19	16@18	16@17
21.....	11 @12	9@10	10@12	21.....	18@19	16@18	16@17
28.....	11 @12	11@12	10@12	28.....	18@19	17@18	16@17
August 4.....	11 @12	11@12	10@12	August 4.....	18@19	17@18	16@17
11.....	11 @12	11@12	10@12	11.....	20@	19@20	16@17
18.....	12 @13	12@13	11@12	18.....	22@23	20@21	17@18
25.....	11 @15	14@15	11@12	25.....	25@	22@23	17@18

* No session of the Chamber. Quotations of the following day.

PRICES OF BUTTERINE.

Prices of Butterine, at Cincinnati, for the year 1890-91, ranged as follows :

September.....	15@16	December.....	15@18	March.....	17@19	June.....	14@16
October.....	15@16	January.....	16@18	April.....	17@19	July.....	14@16
November.....	15@17	February.....	16@18	May.....	14@19	August.....	14@16

PRICES OF CHEESE AND EGGS.

Quotations for Factory Cheese, per pound, and Eggs, per dozen, at Cincinnati, on Tuesday of each week, in three years:

CHEESE.				EGGS.			
DATES.	1890-91	1889-90	1888-89	DATES.	1890-91	1889-90	1888-89
September 2.....	7½ @ 8½	7½ @ 8	8 @ 8½	September 2.....	16	14	13
9.....	9 @ 9½	8 @ 8½	8 @ 8½	9.....	15 @ 15½	14 @ 14½	13 @ 13½
16.....	9 @ 9½	8 @ 8½	8 @ 8½	16.....	15	16	15½
23.....	9 @ 9½	9 @ 9½	8 @ 8½	23.....	16 @ 16½	17	16
30.....	9 @ 9½	9 @ 9½	8 @ 8½	30.....	17½	16½ @ 17	17
October 7.....	9 @ 9½	9 @ 9½	8½ @ 9	October 7.....	17	16½ @ 17	17½
14.....	9 @ 9½	10 @ 10½	10½ @ 11	14.....	17	17	17
21.....	9 @ 9½	10 @ 10½	11 @ 11½	21.....	18	16	17
28.....	9 @ 9½	10 @ 10½	11 @ 11½	28.....	20	17½ @ 18	17 @ 17½
November 4.....	9 @ 9½	9 @ 9½	11 @ 11½	November 4.....	20	19	18
11.....	9 @ 9½	9 @ 9½	11 @ 11½	11.....	20	19 @ 20	20
18.....	9 @ 9½	9 @ 9½	11 @ 11½	18.....	21	20	20
25.....	9 @ 9½	9 @ 9½	11 @ 11½	25.....	23	20	20
December 2.....	9 @ 9½	9 @ 9½	11 @ 11½	December 2.....	22	21	20
9.....	9½ @ 10	9 @ 9½	11 @ 11½	9.....	22	19 @ 20	18½ @ 19
16.....	9½ @ 10	9 @ 9½	11 @ 11½	16.....	21	18 @ 19	18 @ 19
23.....	9 @ 9½	9 @ 9½	11 @ 11½	23.....	20 @ 21	18 @ 19	17 @ 18
30.....	9 @ 9½	9 @ 9½	11 @ 11½	30.....	20 @ 21	17	16 @ 16½
January 6.....	9 @ 9½	9 @ 9½	11 @ 11½	January 6.....	21	15	15
13.....	9½ @ 10	9 @ 9½	11 @ 11½	13.....	22	12	13½ @ 14
20.....	9½ @ 10	9 @ 9½	11 @ 11½	20.....	22	12	12½ @ 13
27.....	9½ @ 10	9 @ 9½	11 @ 11½	27.....	21½ @ 22	12	12½
February 3.....	10 @ 10½	9 @ 9½	11 @ 11½	February 3.....	20	11½	12
10.....	10 @ 10½	9 @ 9½	11 @ 11½	10.....	18	11½	12½
17.....	10 @ 10½	9 @ 9½	11 @ 11½	17.....	12 @ 12½	11½ @ 11½	12
24.....	10 @ 10½	9 @ 9½	10½ @ 11	24.....	13½ @ 14	11½ @ 12	11½ @ 12
March 3.....	10 @ 10½	9 @ 9½	10½ @ 11	March 3.....	14	12 @ 12½	11½ @ 12
10.....	11 @ 11½	9 @ 10	10½ @ 11	10.....	14½ @ 15	12	11½ @ 12
17.....	11 @ 11½	9 @ 10	10½ @ 11	17.....	15	10½ @ 11	10½ @ 11
24.....	11 @ 11½	9 @ 10	10½ @ 11	24.....	18 @ 19	12 @ 12½	9 @ 9½
31.....	11 @ 11½	9 @ 10	10½ @ 11	31.....	15	12	9
April 7.....	11 @ 11½	9 @ 10	10½ @ 11	April 7.....	14	9½ @ 10	9
14.....	11 @ 11½	9 @ 10	10½ @ 11	14.....	12	9 @ 9½	9½ @ 10
21.....	11½ @ 12	9 @ 10	10 @ 10½	21.....	12	9½ @ 10	9½ @ 10
28.....	11½ @ 12	9 @ 10	10 @ 10½	28.....	12½	9½	11½ @ 12
May 5.....	11½ @ 12	9 @ 10	9 @ 9½	May 5.....	13	10	12
12.....	11½ @ 12	9 @ 10	9 @ 9½	12.....	14	10	11
19.....	11 @ 11½	9 @ 10	9 @ 9½	19.....	14½ @ 15	11 @ 11½	10½ @ 11
26.....	10 @ 11	9 @ 9½	9 @ 9½	26.....	15	12½	12 @ 12½
June 2.....	10 @ 10½	8½ @ 9½	8 @ 8½	June 2.....	15 @ 15½	12½	12½
9.....	9 @ 9½	8½ @ 9	7½ @ 8½	9.....	11	11½	10½ @ 11
16.....	8½ @ 9	7½ @ 8	7½ @ 8½	16.....	12½	10	11
23.....	7½ @ 8½	7½ @ 8	7 @ 8	23.....	12½ @ 13	10	11 @ 11½
30.....	7 @ 8	7 @ 8	7 @ 8	30.....	13 @ 13½	10	11 @ 11½
July 7.....	7 @ 8	7 @ 8	7 @ 7½	July 7.....	12½ @ 13	10 @ 11	9½ @ 10
14.....	7 @ 8	7 @ 8	7 @ 7½	14.....	13½	11	10
21.....	7 @ 8	8 @ 9	7 @ 7½	21.....	13½	10½	10
28.....	7 @ 8	7½ @ 8½	7 @ 7½	28.....	13	11 @ 11½	10
August 4.....	7 @ 8	7½ @ 8½	7 @ 7½	August 4.....	12½ @ 13	11 @ 11½	11
11.....	7½ @ 8½	7½ @ 8½	7 @ 7½	11.....	12½	11 @ 11½	12 @ 12½
18.....	8 @ 9	7½ @ 8½	7½ @ 8	18.....	12	15 @ 15½	11 @ 15
25.....	9 @ 9½	7½ @ 8½	7½ @ 8	25.....	13 @ 13½	16 @ 16½	14½ @ 15

PRICES OF BROOM CORN.

Prices of Broom Corn from store, at Cincinnati, the last of August:

KINDS.	1891	1890	1889	1888	1887	1886
Green, Hurl.....	3½ @ 6	6 @ 6½	4½ @ 5	4 @ 3½	4½ @ 5½	6½ @ 8
Green, Medium.....	5 @ 5½	5 @ 5½	3½ @ 4	3½ @ 4	3½ @ 4	5 @ 6½
Red or Pale.....	4½ @ 5	4 @ 5	3½ @ 4	2½ @ 3½	2½ @ 3½	5 @ 6½
Cracked.....	2½ @ 3	2 @ 2½	2½ @ 2½	2 @ 2½	2½ @ 3	.....

PRICES OF BEANS, FEATHERS AND DRIED FRUIT.

Quotations for Beans, per bushel; Feathers, per pound; Dried Apples and Dried Peaches, per pound, at Cincinnati, on Tuesday of each week, in two years:

DATES.	BEANS.		FEATHERS.		DRIED APPLES		DRIED PEACHES.	
	1890-91	1889-90	1890-91	1889-90	1890-91	1889-90	1890-91	1889-90
September 2	\$2 35@2 50	\$2 15@2 25	43	43	7 @ 8	.....	7 @ 8	2 1/2@3
9	2 35@2 50	2 10@2 15	41	41	7 @ 8	.....	7 @ 8	2 1/2@3
16	2 35@2 50	2 10@2 15	41	41	7 @ 8	.....	7 @ 8	2 1/2@3
23	2 35@2 50	2 0 @2 10	43	43@44	7 @ 8	3 @ 3 1/2	7 @ 8	2 1/2@3
30	2 35@2 50	2 00@2 10	43	43@44	7 @ 8	3 @ 3 1/2	7 @ 8	2 1/2@3
October 7	2 35@2 50	1 90@2 00	43	43@44	7 @ 8	3 @ 3 1/2	7 @ 8	2 1/2@3
14	2 40@2 50	1 90@2 00	42	44	7 @ 8	3 @ 3 1/2	7 @ 8	2 1/2@3
21	2 40@2 50	1 90@2 00	42	44	7 @ 8	3 @ 3 1/2	7 @ 8	2 1/2@3
28	2 20@2 30	1 90@2 00	42	41	7 @ 8	3 @ 3 1/2	7 @ 8	2 1/2@3
November 4	2 20@2 35	1 80@1 90	42	43	7 1/2@8 1/2	3 @ 3 1/2	7 1/2@8 1/2	2 1/2@3
11	2 20@2 30	1 80@1 90	42	43	7 1/2@8 1/2	3 @ 3 1/2	7 1/2@8 1/2	2 1/2@3
18	2 20@2 30	1 80@1 90	42	42	7 @ 8	3 @ 3 1/2	7 @ 8	2 1/2@3
25	2 20@2 30	1 70@1 80	42	42	7 @ 8	3 @ 3 1/2	7 @ 8	2 1/2@3
December 2	2 20@2 30	1 70@1 80	41	42	6 1/2@7 1/2	3 @ 3 1/2	7 1/2@8 1/2	2 1/2@3
9	2 10@2 25	1 70@1 80	41	42	7 @ 8	3 @ 3 1/2	8 @ 9	2 1/2@3
16	2 00@2 25	1 70@1 80	41	42	7 @ 8	3 @ 3 1/2	8 @ 9	2 1/2@3
23	2 00@2 25	1 80@1 85	41	42	7 1/2@8 1/2	3 @ 3 1/2	8 1/2@9 1/2	2 1/2@3
30	2 00@2 25	1 85@1 90	40@41	42	7 @ 8	3 @ 3 1/2	8 @ 9	2 1/2@3
January 6	2 00@2 15	1 75@1 80	40	40@41	7 1/2@8 1/2	3 @ 3 1/2	8 1/2@9 1/2	2 1/2@3
13	2 05@2 10	1 75@1 80	40	40	8 1/2@9 1/2	3 @ 3 1/2	9 1/2@10 1/2	2 1/2@3
20	2 05@2 10	1 75@1 80	40	40	8 1/2@9 1/2	3 @ 3 1/2	9 1/2@10 1/2	2 1/2@3
27	2 10@2 20	1 75@1 80	40	40	8 1/2@9 1/2	3 @ 3 1/2	9 1/2@10 1/2	2 1/2@3
February 3	2 20@2 30	1 70@1 75	41	40	8 1/2@9 1/2	3 @ 3 1/2	9 1/2@10 1/2	2 1/2@3
10	2 20@2 30	1 70@1 75	10@41	40	9 @ 10	3 @ 3 1/2	8 @ 9	2 1/2@3
17	2 20@2 30	1 70@1 75	41	40	10 @ 11	3 @ 3 1/2	8 @ 9	2 1/2@3
24	2 20@2 30	1 70@1 75	41	40	10 @ 11	3 @ 3 1/2	8 @ 9	2 1/2@3
March 3	2 20@2 30	1 70@1 75	41	41	10 @ 11	3 @ 3 1/2	8 @ 9	2 1/2@3
10	2 10@2 20	1 70@1 75	41	41	10 @ 11	3 @ 3 1/2	8 @ 9	2 1/2@3
17	2 10@2 20	1 70@1 75	41	41@42	10 @ 11	3 1/2@4	8 @ 9	3 @ 3 1/2
24	2 10@2 20	1 70@1 75	41@42	41@42	10 @ 11	3 1/2@4	8 @ 9	3 @ 3 1/2
31	2 10@2 20	1 70@1 75	41@42	41@42	10 @ 11	3 1/2@4	8 @ 9	3 @ 3 1/2
April 7	2 10@2 20	1 70@1 75	41@42	41@42	10 @ 11	3 1/2@4	8 @ 9	3 @ 3 1/2
14	2 20@2 30	1 75@1 80	41@42	42	10 @ 11	3 1/2@4	8 @ 9	3 @ 3 1/2
21	2 25@2 35	1 90@2 01	41@42	42	10 @ 11	3 1/2@4	8 @ 9	3 @ 3 1/2
28	2 25@2 35	2 00@2 10	42	42	10 @ 11	3 1/2@4	.....	3 @ 3 1/2
May 5	2 00@2 25	2 00@2 10	43	42	10 @ 11	4 @ 4 1/2	.....	3 @ 3 1/2
12	2 00@2 25	2 00@2 10	43	42	10 @ 11	4 @ 4 1/2	.....	3 @ 3 1/2
19	2 00@2 25	2 00@2 10	43	42	10 @ 11	4 @ 4 1/2	.....	3 @ 3 1/2
26	2 00@2 25	2 00@2 10	42	42	10 @ 11	4 @ 4 1/2	.....	3 @ 3 1/2
June 2	2 00@2 25	2 00@2 10	41	42	10 @ 11	4 @ 4 1/2	.....	3 @ 3 1/2
9	2 00@2 25	1 90@2 10	40	42	10 @ 11	4 @ 4 1/2	.....	3 @ 3 1/2
16	2 10@2 30	1 90@2 10	40	42	10 @ 11	4 @ 4 1/2	.....	3 @ 3 1/2
23	2 10@2 30	1 90@2 10	40	42	10 @ 11	4 @ 4 1/2	.....	3 @ 3 1/2
30	2 10@2 30	1 90@2 10	40	42	10 @ 11	4 @ 4 1/2	.....	3 @ 3 1/2
July 7	2 10@2 30	1 90@2 10	40	42	.....	4 @ 4 1/2	.....	3 @ 3 1/2
14	2 10@2 30	1 90@2 10	40	42	.....	4 @ 4 1/2	.....	3 @ 3 1/2
21	2 10@2 30	1 90@2 10	40	42	.....	4 @ 4 1/2	.....	3 @ 3 1/2
28	2 10@2 30	2 10@2 15	40	42	.....	4 @ 4 1/2	.....	3 @ 3 1/2
August 4	2 15@2 35	2 15@2 25	41	42	.....	4 @ 4 1/2	.....	4 @ 5
11	2 20@2 40	2 25@2 35	41	42@43	.....	4 @ 4 1/2	.....	4 @ 5
18	2 20@2 40	2 25@2 50	41	43	.....	5 @ 5 1/2	.....	5 @ 6
25	2 20@2 40	2 25@2 50	41	43	.....	5 1/2@6	.....	6 @ 6 1/2

* No session of the Chamber. Quotations of the following day.

PRICES OF HOPS.

Prices of Choice Hops for the year 1890-91 ranged as follows:

September.....28@44	December.....38@50	March.....28@36	June.....28@35
October.....40@50	January.....36@40	April.....28@35	July.....22@33
November.....47@50	February.....35@40	May.....28@35	August.....18@25

PRICES OF APPLES, ORANGES, LEMONS AND POTATOES.

Quotations for Green Apples (choice), per barrel; Oranges (choice), per box; Lemons (choice), per box, and Potatoes, per barrel, from store, at Cincinnati, on Tuesday of each week, in two years:

DATES.	GREEN APPLES.		ORANGES.		LEMONS.		POTATOES.	
	1890-91	1889-90	1890-91	1889-90	1890-91	1889-90	1890-91	1889-90
September 2.....	\$1 50@2 00	\$1 25@1 50	\$4 50@5 00	\$5 00@5 50	\$5 00@6 00	\$5 00@6 00	\$3 00@3 25	\$0 95@1 05
9.....	1 50@2 00	1 25@1 50	4 50@5 00	3 50	5 00@6 00	6 00@7 50	2 75@3 00	96@1 05
16.....	2 00@2 50	1 25@1 50	3 50@4 00	3 50	5 00@6 00	6 00@7 50	2 50@2 75	95@1 05
23.....	2 25@2 75	1 25@1 50	3 50@4 50	3 50	5 00@6 00	6 00@7 50	2 50@3 00	1 15@1 25
30.....	2 50@3 00	1 25@1 50	3 00@3 50	3 75	5 00@5 50	5 50@7 00	2 75@3 00	1 15@1 25
October 7.....	2 75@3 00	1 25@1 50	3 00@3 50	3 75	4 00@5 00	5 00@6 00	2 50@2 75	1 25@1 40
14.....	2 50@3 00	1 25@1 50	3 00@4 00	3 75	4 00@4 50	5 00@6 00	2 25@2 50	1 25@1 40
21.....	2 25@2 50	1 25@1 50	3 50@4 00	3 75	5 50	5 00@6 00	2 25@2 50	1 15@1 20
28.....	2 25@2 50	1 25@1 50	3 50	3 75	5 50	5 00@6 00	2 50@2 75	1 00@1 10
November 4.....	2 75@3 00	1 50@1 75	3 50	3 75@4 00	5 50	4 00@4 50	2 25@2 50	1 00@1 10
11.....	2 75@3 00	1 50@1 75	3 50@4 00	3 50	4 50@6 00	3 50@4 00	2 75@3 00	1 00@1 10
18.....	3 00@3 25	1 50@1 75	3 50@4 00	3 25	4 50@6 00	3 50	2 75@3 00	1 00@1 10
25.....	3 50@3 75	1 50@1 75	3 50@4 00	3 00	4 50@6 00	3 50@4 00	2 75@3 00	1 00@1 10
December 2.....	3 50@3 75	2 00@2 50	3 50@4 00	2 60	4 50@6 00	3 75@4 25	2 75@3 00	1 00@1 20
9.....	3 75@4 50	2 00@2 50	3 25@3 50	2 25@2 40	4 00@5 00	3 50@4 00	3 00@3 25	1 00@1 20
16.....	3 75@4 50	2 00@2 50	3 25@3 50	2 15@2 25	3 50@4 00	3 25@3 75	3 25@3 50	1 00@1 20
23.....	3 75@4 50	2 00@2 50	3 25@3 50	2 25	3 50@4 00	3 25@3 75	3 00@3 50	1 00@1 20
30.....	3 75@4 50	2 00@2 50	3 25@3 50	2 25@2 50	3 50@4 00	3 50@4 00	3 00@3 25	1 00@1 20
January 6.....	3 75@4 50	2 00@2 50	2 75@3 00	2 50@2 75	3 00@4 00	3 50@4 00	3 00@3 25	1 15@1 40
13.....	4 00@4 50	1 75@2 25	2 75@3 00	2 25@2 75	2 50@3 50	3 00@3 50	3 25@3 50	1 15@1 40
20.....	4 00@4 50	1 75@2 25	2 75@3 00	2 50@2 75	2 75@3 50	3 00@3 50	3 25@3 75	1 40@1 65
27.....	4 00@4 50	1 75@2 25	2 75@3 00	2 25@3 00	2 50@3 50	3 75@4 25	3 50@3 75	1 40@1 65
February 3.....	4 00@4 50	1 75@2 25	2 75@3 00	2 25@3 00	2 50@3 50	4 00@4 50	3 25@3 50	1 40@1 65
10.....	4 50@5 00	1 75@2 25	2 75@3 25	2 50@3 00	2 50@3 50	4 00@4 50	3 25@3 50	1 40@1 65
17.....	4 50@5 00	3 00@3 50	2 25@3 00	2 25@3 00	2 50@3 50	4 00@4 25	2 75@3 00	1 40@1 65
24.....	6 00@5 25	2 75@3 25	2 50@3 00	2 25@3 00	2 50@3 50	4 00@4 25	3 00@3 25	1 40@1 65
March 3.....	4 75@5 00	3 25@4 00	2 25@3 00	2 25@3 00	2 50@3 50	3 50@4 00	3 25@3 50	1 20@1 40
10.....	5 00@5 50	3 50@4 50	3 00@3 50	2 50@3 00	2 50@3 50	3 50@4 00	3 25@3 50	1 20@1 40
17.....	5 00@5 50	4 00@4 50	3 00@3 50	2 75@3 25	3 25@4 00	3 50@4 00	3 25@3 50	1 20@1 40
24.....	5 00@5 50	4 00@4 50	3 00@3 50	2 75@3 25	3 00@4 00	3 50@4 00	3 75@4 00	1 50@1 75
April 31.....	5 00@5 50	4 00@4 50	3 00@3 50	3 00@3 75	3 00@4 00	3 50@3 75	3 75@4 00	1 80@2 00
7.....	5 00@5 50	4 00@4 50	2 50@3 00	3 00@3 75	3 00@4 00	3 50@3 75	3 75@4 00	1 80@2 00
14.....	5 00@5 50	4 00@4 50	2 50@3 00	3 50@4 00	3 00@4 00	4 00@4 50	3 75@4 00	1 80@2 00
21.....	5 00@5 50	4 00@4 50	2 50@3 00	4 00@4 50	4 25@5 25	4 00@4 50	3 75@4 00	1 80@2 00
28.....	5 00@5 50	4 00@4 50	2 50@3 00	4 25@4 75	1 25@6 00	4 00@4 50	3 50@3 75	1 80@2 00
May 5.....	5 00	4 00@4 50	3 00@3 75	4 25@4 75	4 50@6 00	4 00@4 50	3 25@3 50	1 80@2 00
12.....	4 00	4 00@4 50	3 25@4 00	4 25@4 75	4 50@6 00	4 00@4 50	3 25@3 50	1 50@1 70
19.....	4 00	3 75@4 00	3 25@4 00	4 50@5 00	4 50@5 50	4 00@4 50	3 50@3 75	1 50@1 70
25.....	4 00	3 75@4 00	3 50@4 50	4 50@5 00	4 00@5 00	4 00@4 50	3 50@3 75	1 30@1 50
June 2.....	4 00	4 25@4 50	3 50@4 25	4 00@4 50	4 00@5 00	3 50@4 00	3 50@3 75	1 35@1 50
9.....	4 00	4 25@4 50	3 50@4 50	4 00@4 50	4 00@5 00	3 50@4 00	4 00@4 25	1 35@1 50
16.....	4 00	4 25@4 50	3 50@4 50	5 50@6 00	4 00@5 00	4 50@5 00	4 00@4 25	90@1 00
23.....	13 00@3 50	3 75@4 00	3 50@4 25	5 50@6 00	4 50@6 00	4 50@5 50	13 50@3 75	90@1 00
30.....	2 50@3 00	3 50@4 50	3 50@4 50	5 50@6 00	4 75@6 00	6 00@7 50	2 75@3 00	13 70@3 80
July 7.....	2 00@2 50	3 50@4 50	3 50@4 50	5 50@6 00	5 00@6 50	5 00@7 00	2 25@2 50	3 40@3 50
14.....	1 00@1 50	3 50@4 50	3 50@4 50	5 50@6 50	4 00@5 00	5 00@7 00	2 50@2 75	3 00@3 25
21.....	1 00@1 50	3 50@4 50	3 50@4 50	6 50@7 00	4 00@5 00	5 00@7 00	1 25@1 50	3 00@3 25
28.....	1 00@1 25	2 50@3 00	3 75@4 50	6 50@7 00	4 00@5 00	4 50@6 50	1 25@1 50	3 00@3 25
August 4.....	75@1 00	2 25@2 50	4 00@5 00	7 00@8 00	4 50@5 00	4 00@6 00	1 00@1 25	2 50@2 75
11.....	60@75	2 25@2 50	3 50@4 50	7 00@8 00	3 50@4 00	6 00@7 00	1 25@1 40	2 50@2 75
18.....	50@75	2 50@3 00	3 50@4 50	7 00@8 00	3 50@4 50	6 00@7 00	1 15@1 25	3 25@3 75
25.....	1 25@1 50	1 75@2 75	3 50@4 50	5 00@6 00	3 50@5 00	5 00@6 00	1 25@1 35	3 25@3 50

* No session of the Chamber. Quotations of the following day.

† New Apples from this date.

‡ New Potatoes from this date.

PRICES OF ONIONS.

Monthly range in prices of Onions, per barrel, during the year 1890-91:

September.....	\$2 65@3 50	December.....	\$2 50@3 50	March.....	\$3 50@4 25	June.....	\$3 50@6 00
October.....	2 60@2 75	January.....	3 75@4 50	April.....	5 00@6 00	July.....	3 00@4 50
November.....	2 60@2 75	February.....	3 50@4 25	May.....	5 00@6 00	August.....	2 50@3 00

PRICES OF CLOVER AND TIMOTHY SEED.

Quotations for Clover Seed, per pound, and Timothy Seed, per bushel, on arrival, at Cincinnati, on Tuesday of each week, in three years:

CLOVER SEED.				TIMOTHY SEED.			
DATES.	1890-91	1889-90	1888-89	DATES.	1890-91	1889-90	1888-89
September 2.....	7¼@67½	6¼@67	7¼@71½	September 2.....	\$1 40@1 45	\$1 40@1 45	\$1 75@1 80
9.....	7	6¼@67	7¼@71½	9.....	1 35@1 40	1 35@1 45	1 80@1 85
16.....	7	6¼@67	8¼@81½	16.....	1 30@1 35	1 35@1 38	1 60
23.....	7	6¼@67	8	23.....	1 30@1 35	1 50@1 55	1 60@1 65
30.....	7	6¼	8¼@83½	30.....	1 30@1 35	1 30@1 33	1 60@1 65
October 7.....	6¼@67	6¼@67½	8¼@87½	October 7.....	1 30@1 35	1 30@1 33	1 60@1 65
14.....	6¼@67	5¼@66	9 @91	14.....	1 30@1 35	1 25@1 30	1 55@1 60
21.....	6¼@67½	5 @65½	8¼@87½	21.....	1 25@1 30	1 20@1 25	1 55@1 60
28.....	6¼@67½	5¼@67½	8¼@87½	28.....	1 25@1 30	1 20@1 25	1 55@1 60
November 4.....	6¼@67½	5¼@67½	8¼@87½	November 4.....	1 25@1 30	1 20@1 25	1 40@1 50
11.....	6¼@67½	5¼@67½	8¼@87½	11.....	1 25@1 30	1 20@1 25	1 40@1 50
18.....	6¼@67½	5¼@67½	8 @81½	18.....	1 25@1 30	1 20@1 25	1 40@1 50
25.....	6¼@67½	5¼@67½	8 @81½	25.....	1 25@1 30	1 20@1 25	1 50@1 55
December 2.....	6¼@67½	5¼@67½	8 @81½	December 2.....	1 25@1 30	1 20@1 25	1 50@1 55
9.....	6¼@67½	5¼@67½	8 @81½	9.....	1 25@1 30	1 20@1 30	1 50@1 55
16.....	6¼@67½	5¼@67½	8 @81½	16.....	1 25@1 30	1 20@1 30	1 50@1 55
23.....	6¼@67½	5¼@67½	8¼@81½	23.....	1 25@1 30	1 25@1 30	1 50@1 55
30.....	6¼@67½	5 @65½	8¼@81½	30.....	1 25@1 30	1 25@1 30	1 50@1 55
January 6.....	6¼@67½	5¼@67½	8¼@81½	January 6.....	1 25@1 30	1 25@1 30	1 50@1 55
13.....	7 @71½	5¼@67½	8¼@81½	13.....	1 25@1 30	1 25@1 30	1 50@1 55
20.....	7 @71½	5 @65½	8¼@81½	20.....	1 30@1 35	1 25@1 30	1 50@1 55
February 27.....	7 @71½	5 @65½	8¼@81½	February 27.....	1 30@1 35	1 25@1 30	1 50@1 55
10.....	7 @71½	5 @65½	8 @81½	10.....	1 30@1 35	1 25@1 30	1 50@1 55
17.....	7 @71½	5 @65½	8 @81½	17.....	1 30@1 35	1 25@1 30	1 50@1 55
24.....	7¼@71½	5 @65½	8 @81½	24.....	1 30@1 35	1 25@1 30	1 50@1 55
March 3.....	7¼@71½	5 @65½	7¼@71½	March 3.....	1 30@1 35	1 25@1 30	1 45@1 50
10.....	7¼@71½	5 @65½	7¼@71½	10.....	1 30@1 35	1 25@1 30	1 45
17.....	7¼@71½	5 @65½	7¼@71½	17.....	1 30@1 35	1 15@1 25	1 40@1 45
24.....	7 @71½	5 @65½	7¼@71½	24.....	1 25@1 35	1 15@1 25	1 45@1 50
31.....	7 @71½	5 @65½	7¼@71½	31.....	1 30@1 35	1 15@1 25	1 40@1 45
April 7.....	7 @71½	5 @65½	7¼@71½	April 7.....	1 30@1 35	1 15@1 25	1 40@1 45
14.....	7 @71½	5 @65½	7¼@71½	14.....	1 30@1 35	1 15@1 25	1 40@1 45
21.....	6¼@67½	5¼@67½	7¼@71½	21.....	1 30@1 35	1 20@1 30	1 40@1 45
May 5.....	6¼@67½	5¼@67½	6¼@67	May 5.....	1 30@1 35	1 25@1 35	1 40@1 45
12.....	6¼@67½	5¼@67½	6¼@67	12.....	1 25@1 30	1 25@1 35	1 35@1 40
19.....	6¼@67½	5¼@67½	7	19.....	1 25@1 30	1 25@1 35	1 40@1 45
June 26.....	6¼@67½	5¼@67½	7	June 26.....	1 25@1 30	1 25@1 35	1 40@1 45
9.....	6¼@67½	5¼@67½	6¼@67	9.....	1 25@1 30	1 25@1 35	1 40@1 45
16.....	6¼@67½	5¼@67½	6¼@67	16.....	1 25@1 30	1 35@1 40	1 40@1 45
23.....	6¼@67½	5¼@67½	7	23.....	1 25@1 30	1 35@1 40	1 40@1 45
July 30.....	6¼@67½	5¼@67½	7 @71½	July 30.....	1 25@1 30	1 35@1 40	1 40@1 45
7.....	6¼@67½	5¼@67½	7 @71½	7.....	1 25@1 30	1 35@1 40	1 45@1 50
14.....	6¼@67½	5¼@67½	7 @71½	14.....	1 25@1 30	1 30@1 40	1 45@1 50
21.....	6¼@67½	5¼@67½	7 @71½	21.....	1 35@1 40	1 35@1 40	1 45@1 50
28.....	6¼@67½	5¼@67½	7 @71½	28.....	1 35@1 40	1 40@1 45	1 45@1 50
August 4.....	6¼@67½	6¼@67½	7 @71½	August 4.....	1 25@1 35	1 40@1 50	1 45@1 50
11.....	7 @71½	7	7 @71½	11.....	1 25@1 35	1 40	1 45@1 50
18.....	7 @71½	7¼@71½	7 @71½	18.....	1 30@1 35	1 40@1 45	1 45@1 50
25.....	7 @71½	7¼@71½	7 @71½	25.....	1 30@1 35	1 40@1 45	1 45@1 50

* No session of the Chamber. Quotations of the following day.

PRICES OF FLAX SEED.

Monthly range in prices of Flax Seed, per bushel, during the year 1890-91:

September.....	\$1 30@1 45	December.....	\$1 15@1 20	March.....	\$1 15@1 20	June.....	\$1 00@1 15
October.....	1 30@1 45	January.....	1 15@1 20	April.....	1 15@1 20	July.....	1 00@1 05
November.....	1 25@1 40	February.....	1 15@1 20	May.....	1 10@1 20	August.....	1 00@1 05

PRICES OF WOOL.

Prices of Wool, per pound, at Cincinnati, on Tuesday of each week, in two years, as indicated:

DATES.	TUB-WASHED.		UNWASHED MANUFACTURING.		OHIO FLEECE.		UNWASHED COMBING.	
	1890-91	1889-90	1890-91	1889-90	1890-91	1889-90	1890-91	1889-90
September 2.....	30@36	32@38	22@25	26@30	27@31	32@34	23@27	27@30
9.....	30@36	32@38	22@25	26@29	27@31	32@34	23@27	26@30
16.....	30@36	32@38	22@25	26@29	27@31	32@34	23@27	25@29
23.....	30@36	32@39	22@25	25@28	27@31	31@33	23@27	26@29
30.....	30@36	32@39	22@25	25@28	27@31	31@33	23@27	26@29
October 7.....	30@36	32@39	23@26	25@28	28@32	31@33	23@27	26@29
14.....	31@37	32@39	23@26	25@28	28@32	31@33	23@27	26@29
21.....	31@37	32@39	23@27	25@28	28@32	31@33	23@28	26@29
28.....	31@37	32@39	23@27	24@27	28@32	31@33	23@28	26@29
November 4.....	31@37	31@38	24@28	24@27	29@33	31@33	24@28	24@28
11.....	31@37	30@37	24@28	24@27	29@33	30@32	24@28	24@28
18.....	31@37	31@37	24@28	24@27	29@33	30@32	24@28	25@28
25.....	31@37	30@36	24@28	23@26	29@33	29@31	24@28	25@28
December 2.....	31@37	30@36	24@28	23@26	29@33	29@31	24@28	24@28
9.....	32@38	30@36	24@28	23@26	29@33	29@31	24@28	24@28
16.....	32@38	30@36	24@28	23@26	29@33	29@31	24@29	24@28
23.....	32@38	30@36	24@28	23@26	29@33	29@31	25@29	24@28
30.....	32@38	30@34	24@28	23@26	29@33	29@31	25@29	24@28
January 6.....	32@38	30@36	24@28	22@25	29@33	28@30	25@29	23@27
13.....	32@39	30@36	25@28	22@25	29@33	28@30	25@29	23@27
20.....	32@39	31@36	25@28	22@25	29@33	28@30	25@29	23@27
27.....	32@39	30@36	25@28	22@25	29@33	28@30	24@28	23@27
February 3.....	32@39	31@37	25@28	22@26	29@33	28@30	24@27	23@27
10.....	32@38	31@37	25@28	22@26	28@32	28@30	24@27	23@27
17.....	31@37	32@38	25@28	23@27	28@32	28@30	24@27	24@28
24.....	30@36	32@38	25@28	23@27	28@32	28@30	24@27	24@28
March 3.....	30@36	32@38	24@27	23@27	27@31	28@30	23@27	24@28
10.....	30@36	32@38	24@27	23@27	27@31	28@30	23@27	24@28
17.....	30@36	32@38	24@27	22@26	27@31	28@30	23@27	23@27
24.....	30@36	32@38	24@27	22@26	27@31	28@30	23@27	23@27
31.....	30@36	32@38	24@27	22@26	27@31	29@31	23@27	23@27
April 7.....	30@36	32@38	24@27	22@26	27@31	29@31	23@27	23@27
14.....	30@36	32@38	24@27	22@26	27@31	29@31	23@27	23@27
21.....	30@36	32@38	24@27	22@26	27@31	29@31	23@26	23@27
28.....	29@35	33@39	23@27	22@26	27@31	29@31	23@26	23@27
May 5.....	29@35	33@39	23@26	22@26	27@31	29@31	23@26	23@27
12.....	29@35	32@38	23@26	22@26	27@31	28@30	23@26	23@27
19.....	29@35	32@38	23@26	22@26	27@31	28@30	23@26	23@27
26.....	29@35	31@37	23@26	22@26	27@31	28@30	23@26	23@27
June 2.....	28@34	31@37	23@26	22@26	26@30	28@30	24@27	23@27
9.....	28@34	30@36	23@26	22@26	26@30	28@30	24@27	23@27
16.....	28@34	30@36	23@26	22@26	26@30	29@31	24@27	23@27
23.....	28@34	30@36	23@26	22@26	26@30	29@31	24@27	23@27
30.....	28@34	30@36	23@26	22@26	26@30	29@31	24@28	23@27
July 7.....	28@34	30@36	23@26	22@26	26@30	29@31	25@28	23@27
14.....	29@35	30@36	24@27	22@26	26@30	29@31	25@28	23@27
21.....	29@35	30@36	24@27	22@26	26@30	29@31	25@28	23@27
28.....	29@35	30@36	24@27	22@26	26@30	29@31	25@28	23@27
August 4.....	29@35	30@36	24@27	22@25	27@31	29@31	25@28	23@27
11.....	29@35	30@36	24@27	22@25	27@31	29@31	25@28	23@27
18.....	29@35	30@36	24@27	22@25	27@31	29@31	25@28	23@27
25.....	29@35	30@36	24@27	22@25	27@31	29@31	25@28	23@27

PRODUCTION OF WOOL.

Yearly production of Wool in the United States, in pounds, as indicated:

1879.....	232,500,000	1882.....	290,000,000	1885.....	302,000,000	1888.....	265,000,000
1880.....	240,000,000	1883.....	300,000,000	1886.....	285,000,000	1889.....	265,000,000
1881.....	272,000,000	1884.....	308,000,000	1887.....	269,000,000	1890.....	276,000,000

PRICES OF HAY AND DOMESTIC SALT.

Price of No. 1 Timothy Hay, loose pressed, per ton, on arrival, and of Ohio River and Kanawha Salt, per barrel of 280 pounds, at Cincinnati, on Tuesday of each week, in three years:

HAY.				SALT.			
DATES.	1890-91	1889-90	1888-89	DATES.	1890-91	1889-90	1888-89
September 2.	\$10 60@10 50	\$11 00@11 50	\$14 50@15 00	September 2.	95@1 00	90@ 95	85@ 95
9.	9 00@ 9 50	11 00@11 50	14 00	9.	95@1 00	90@ 95	85@ 95
16.	9 00@ 9 50	11 00@11 50	13 50@14 00	16.	95@1 00	90@ 95	85@ 95
23.	9 00@ 9 50	11 00@11 50	13 00@13 50	23.	95@1 00	90@ 95	85@ 95
30.	9 50@10 00	10 00@11 00	13 00@13 50	30.	90@ 95	90@ 95	85@ 95
October 7.	9 00@ 9 50	10 00@11 00	13 00	October 7.	90@ 95	90@ 95	85@ 95
14.	9 00@ 9 50	10 00@11 00	13 00	14.	90@ 95	90@ 95	85@ 95
21.	9 00@ 9 50	10 00@11 00	13 50@14 00	21.	90@ 95	90@ 95	85@ 95
28.	9 00@ 9 50	10 00@11 00	13 50@14 00	28.	90@ 95	90@ 95	85@ 95
November 4.	10 00@10 50	10 00@11 00	13 50@14 00	November 4.	90@ 95	90@ 95	85@ 95
11.	10 00@10 50	10 00@11 00	14 00@14 50	11.	90@ 95	90@ 95	85@ 95
18.	10 00@10 50	10 00@11 00	14 00@14 50	18.	90	90@ 95	85@ 95
25.	9 00@ 9 50	10 00@11 00	14 00@14 50	25.	90@ 95	90@ 95	85@ 95
December 2.	9 00@ 9 50	10 00@11 00	14 00@14 50	December 2.	95@1 00	90@ 95	85@ 95
9.	9 00@ 9 50	10 00@11 00	14 00@14 50	9.	95@1 00	90@ 95	85@ 95
16.	9 00@ 9 50	10 00@11 00	13 50@14 00	16.	95@1 00	90@ 95	90@1 00
23.	9 00@ 9 50	10 00@11 00	13 50@14 00	23.	95@1 00	90@ 95	90@1 00
30.	9 00@ 9 50	10 00@11 00	13 50@14 00	30.	95@1 00	90@ 95	90@1 00
January 6.	9 00@10 00	10 00@11 00	13 50@14 00	January 6.	95@1 00	90@ 95	90@1 00
13.	9 00@ 9 50	10 00@11 00	13 50@14 00	13.	95@1 00	90@ 95	90@1 00
20.	9 00@ 9 50	10 00@11 00	13 50@14 00	20.	95@1 00	90@ 95	90@1 00
27.	9 00@ 9 50	10 00@11 00	13 50@14 00	27.	95@1 00	90@ 95	90@1 00
February 3.	9 00@ 9 50	10 00@11 00	13 00@13 50	February 3.	95@1 00	90@ 95	90@1 00
10.	9 50@10 00	10 00@11 00	13 00@13 50	10.	95@1 00	90@ 95	90@1 00
17.	9 50@10 00	10 00@11 00	13 00@13 50	17.	95@1 00	90@ 95	90@1 00
24.	9 50@10 00	10 00@11 00	12 50@13 00	24.	95@1 00	90@ 95	90@1 00
March 3.	9 50@10 00	10 00@11 00	12 50@13 00	March 3.	95@1 00	90@ 95	90@1 00
10.	9 50@10 00	10 00@11 00	12 50@13 00	10.	95@1 00	90@ 95	90@1 00
17.	9 50@10 00	9 50@10 50	12 00@12 50	17.	95@1 00	90@ 95	90@1 00
24.	10 00@10 50	9 50@10 50	12 00@12 50	24.	90@ 95	90@ 95	90@1 00
April 7.	11 00@11 50	10 50@11 00	11 50@12 00	April 7.	90@ 95	90@ 95	90@1 00
14.	15 00@15 50	10 50@11 00	11 50@12 00	14.	90@ 95	85@ 90	90@1 00
21.	15 00@15 50	11 00@11 50	11 50@12 00	21.	90@ 95	85@ 90	90@1 00
28.	15 00@15 50	11 00@11 50	11 50@12 00	28.	90@ 95	80@ 85	90@1 00
May 5.	12 00@12 50	11 00@11 50	11 50@12 00	May 5.	90@ 95	80@ 85	90@ 95
12.	11 50@12 00	11 00@11 50	12 00@12 50	12.	85@ 90	80@ 85	90@ 95
19.	10 50@11 50	11 00@11 50	12 00@12 50	19.	85@ 90	80@ 85	90@ 95
26.	10 50@11 50	11 50@12 00	12 00@12 50	26.	85@ 90	80@ 85	90@ 95
June 2.	11 00@11 50	11 50@12 00	12 00@12 50	June 2.	85@ 90	80@ 85	90@ 95
9.	11 00@12 00	11 00@11 50	11 50@12 00	9.	85@ 90	80@ 85	90@ 95
16.	10 50@11 50	11 00@11 50	11 50@12 00	16.	85@ 90	80@ 85	90@ 95
23.	10 00@10 50	10 00@11 00	11 50@12 00	23.	85@ 90	80@ 85	90@ 95
July 7.	10 50@11 50	9 00@10 00	11 00@11 50	July 7.	85@ 90	80@ 85	90@ 95
14.	11 50@12 00	9 00@10 00	11 00@11 50	14.	85@ 90	80@ 85	90@ 95
21.	12 50@13 50	9 00@10 00	11 00@11 50	21.	85@ 90	80@ 85	90@ 95
28.	12 50@13 00	9 50@10 50	11 00@11 50	28.	85@ 90	80@ 85	90@ 95
August 4.	12 00@12 50	9 50@10 50	11 00@11 50	August 4.	85@ 90	80@ 85	90@ 95
11.	11 50@12 50	9 50@10 50	11 00@11 50	11.	85@ 90	80@ 85	90@ 95
18.	11 50@12 50	10 00@10 50	11 00@11 50	18.	85@ 90	95@1 00	90@ 95
25.	11 50@12 00	10 00@10 50	11 00@11 50	25.	85@ 90	95@1 00	90@ 95

PRICES OF HAY BY GRADES.

Prices of Old Hay, at Cincinnati, at the close of August, as indicated:

KINDS.	1890-91	1889-90	1888-89	1887-88	1886-87	1885-86
No. 1 Timothy, on arrival.....	\$11 00@11 50	\$10 00@10 50	\$11 00@11 50	\$14 50@15 50	\$14 00@15 00	\$11 50@12 00
No. 2 Timothy, on arrival.....	10 00@10 50	7 00@ 8 50	10 00@10 50	13 50	12 50@13 50	9 50@10 00
Mixed, on arrival.....	9 00@ 9 50	6 00@ 6 50	8 00@ 9 00	12 00@13 00	9 00@10 00	8 00@ 8 50

PRICES OF COOPERAGE.

Quotations for Pork Barrels, Whisky Barrels and Lard Tierces, at Cincinnati, on Tuesday of each week, in three years, generally representing the range for Country and City Cooperage:

DATES.	PORK BARRELS.			WHISKY BARRELS.			LARD TIERCES.		
	1890-91	1889-90	1888-89	1890-91	1889-90	1888-89	1890-91	1889-90	1888-89
September 2..	75@ 90	70@85	65@ 90	\$1 35@1 60	\$1 40@1 55	\$1 20@1 40	90@1 10	\$1 00@1 20	\$ 80@1 10
9..	75@ 90	75@90	65@ 90	1 35@1 60	1 40@1 65	1 20@1 40	90@1 10	1 00@1 20	80@1 10
16..	75@ 90	75@90	85@1 00	1 35@1 60	1 45@1 65	1 20@1 40	90@1 10	1 00@1 20	1 00@1 25
23..	75@ 90	75@90	85@1 00	1 35@1 60	1 45@1 65	1 20@1 40	90@1 10	1 00@1 20	1 00@1 25
30..	75@1 00	75@90	85@1 00	1 35@1 60	1 45@1 65	1 20@1 40	1 00@1 25	1 00@1 20	1 00@1 25
October 7..	75@1 00	75@90	85@1 00	1 35@1 60	1 45@1 65	1 20@1 40	1 00@1 25	1 00@1 20	1 00@1 25
14..	75@1 00	75@90	85@1 00	1 40@1 65	1 45@1 65	1 20@1 40	1 00@1 25	1 00@1 20	1 00@1 25
21..	75@1 00	75@90	85@1 00	1 40@1 65	1 45@1 65	1 20@1 40	1 00@1 25	1 00@1 20	1 00@1 25
28..	75@1 00	75@90	85@1 00	1 40@1 65	1 45@1 65	1 20@1 40	1 00@1 25	1 00@1 20	1 00@1 25
November 4..	75@1 00	75@90	85@1 00	1 40@1 65	1 45@1 65	1 20@1 40	1 00@1 25	1 00@1 20	1 00@1 25
11..	75@1 00	75@90	90@1 05	1 40@1 65	1 45@1 65	1 20@1 40	1 00@1 25	1 00@1 20	1 05@1 30
18..	75@1 00	75@90	90@1 05	1 40@1 65	1 45@1 65	1 30@1 55	1 00@1 25	1 00@1 20	1 05@1 30
25..	75@1 00	80@95	90@1 05	1 40@1 65	1 45@1 65	1 30@1 55	1 00@1 25	1 00@1 25	1 05@1 30
December 2..	75@1 00	80@95	90@1 05	1 40@1 65	1 45@1 65	1 30@1 55	1 00@1 25	1 00@1 25	1 05@1 30
9..	75@1 00	80@95	80@ 95	1 40@1 65	1 45@1 65	1 30@1 55	1 00@1 25	1 00@1 25	1 05@1 30
16..	75@1 00	80@95	80@ 95	1 40@1 65	1 45@1 65	1 30@1 55	1 00@1 25	1 00@1 25	1 00@1 25
23..	75@1 00	80@95	80@ 95	1 40@1 65	1 45@1 65	1 30@1 55	1 00@1 25	1 00@1 25	1 00@1 25
30..	75@1 00	80@95	80@ 95	1 40@1 65	1 45@1 65	1 40@1 65	1 00@1 25	1 00@1 25	1 00@1 25
January 6..	70@ 90	80@95	80@ 95	1 40@1 65	1 45@1 65	1 30@1 55	95@1 20	1 00@1 25	1 00@1 25
13..	70@ 90	80@95	80@ 95	1 40@1 65	1 45@1 65	1 40@1 65	95@1 20	1 20@1 35	1 00@1 25
20..	70@ 90	80@95	80@ 95	1 40@1 65	1 45@1 65	1 40@1 65	95@1 20	1 20@1 35	1 00@1 25
27..	70@ 90	80@95	80@ 95	1 40@1 65	1 45@1 65	1 40@1 65	95@1 20	1 20@1 35	1 00@1 25
February 3..	70@ 90	80@95	80@ 95	1 40@1 65	1 45@1 65	1 40@1 65	95@1 20	1 20@1 35	1 00@1 25
10..	70@ 90	80@95	80@ 95	1 40@1 65	1 45@1 65	1 40@1 65	95@1 20	1 20@1 35	1 00@1 25
17..	70@ 85	75@90	80@ 95	1 40@1 65	1 45@1 65	1 40@1 65	95@1 15	1 00@1 20	1 00@1 25
24..	70@ 85	75@90	80@ 95	1 40@1 65	1 45@1 65	1 40@1 65	90@1 15	1 00@1 20	1 00@1 25
March 3..	70@ 85	75@90	80@ 95	1 40@1 65	1 45@1 65	1 40@1 65	90@1 15	1 00@1 20	1 00@1 25
10..	70@ 85	75@90	80@ 95	1 40@1 65	1 45@1 65	1 40@1 65	90@1 15	1 00@1 20	1 00@1 25
17..	70@ 85	75@90	80@ 95	1 40@1 65	1 45@1 65	1 40@1 65	90@1 15	1 00@1 20	1 00@1 25
24..	70@ 85	75@90	80@ 95	1 40@1 65	1 45@1 65	1 40@1 65	90@1 15	1 00@1 20	1 00@1 25
31..	70@ 80	75@90	80@ 95	1 40@1 65	1 45@1 65	1 40@1 65	90@1 10	1 00@1 20	1 00@1 25
April 7..	70@ 80	75@90	70@ 85	1 40@1 65	1 45@1 65	1 40@1 55	90@1 00	1 00@1 20	1 00@1 25
14..	70@ 80	75@90	70@ 85	1 40@1 65	1 45@1 65	1 40@1 55	90@1 00	1 00@1 20	1 00@1 20
21..	70@ 80	75@90	70@ 85	1 40@1 65	1 45@1 65	1 40@1 55	90@1 00	1 00@1 20	1 00@1 20
28..	70@ 80	75@90	70@ 85	1 40@1 65	1 45@1 65	1 40@1 55	90@1 00	1 00@1 20	1 00@1 20
May 5..	70@ 80	75@90	70@ 85	1 40@1 65	1 45@1 65	1 40@1 55	90@1 00	1 00@1 20	1 00@1 20
12..	70@ 80	75@90	70@ 85	1 40@1 65	1 45@1 65	1 40@1 55	90@1 00	1 00@1 20	1 00@1 20
19..	70@ 80	75@90	70@ 85	1 40@1 65	1 45@1 65	1 40@1 55	90@1 00	1 00@1 20	1 00@1 20
26..	70@ 80	75@90	70@ 85	1 40@1 65	1 45@1 65	1 40@1 55	90@1 00	1 00@1 20	1 00@1 20
June 2..	70@ 80	75@90	70@ 85	1 40@1 65	1 45@1 65	1 40@1 55	90@1 00	1 00@1 20	1 00@1 20
9..	70@ 80	75@90	70@ 85	1 40@1 65	1 45@1 65	1 40@1 55	90@1 00	1 00@1 20	1 00@1 20
16..	70@ 80	75@90	70@ 85	1 40@1 65	1 45@1 65	1 40@1 55	90@1 00	1 00@1 20	1 00@1 20
23..	70@ 80	75@90	70@ 85	1 40@1 65	1 45@1 65	1 40@1 55	90@1 00	1 00@1 20	1 00@1 20
30..	65@ 75	75@90	70@ 85	1 40@1 60	1 45@1 65	1 40@1 55	90@1 00	1 00@1 20	1 00@1 20
July 7..	65@ 75	75@90	70@ 85	1 40@1 60	1 45@1 65	1 40@1 55	90@1 00	1 00@1 20	1 00@1 20
14..	65@ 75	75@90	70@ 85	1 40@1 60	1 45@1 65	1 40@1 55	90@1 00	1 00@1 20	1 00@1 20
21..	65@ 75	75@90	70@ 85	1 40@1 60	1 45@1 65	1 40@1 55	90@1 00	1 00@1 20	1 00@1 20
28..	65@ 75	75@90	70@ 85	1 40@1 60	1 45@1 65	1 40@1 55	90@1 00	1 00@1 20	1 00@1 20
August 4..	65@ 75	75@90	70@ 85	1 40@1 60	1 45@1 65	1 40@1 55	90@1 00	1 00@1 20	1 00@1 20
11..	65@ 75	75@90	70@ 85	1 40@1 60	1 45@1 65	1 40@1 55	90@1 00	1 00@1 20	1 00@1 20
18..	65@ 75	75@90	70@ 85	1 40@1 60	1 45@1 65	1 40@1 55	90@1 00	1 00@1 20	1 00@1 20
25..	65@ 75	75@90	70@ 85	1 40@1 60	1 45@1 65	1 40@1 55	90@1 00	1 00@1 20	1 00@1 20

PRICES OF FOREIGN SALT.

Prices of Foreign Salt, at Cincinnati, during the commercial year 1890-91:

COARSE LIVERPOOL SALT.	FINE LIVERPOOL SALT.	TURKS' ISLAND SALT.
Per bag: \$0 97@1 02 in September, \$1 10@1 15 in October, \$1 1. @1 20 the remainder of the year.	Per bag: \$1 50@1 60 in September and October, \$1 60@1 65 almost uniformly the remainder of year.	Per bushel: 35@37c. in September, 30@35c. in October and early part of November, 35c. almost uniformly the remainder of year.

WEEKLY PRICES OF COTTON.

Quotations for the various grades of Cotton, per pound, at Cincinnati, on Tuesday of each week, in two years:

DATES.	ORDINARY.		GOOD ORDINARY.		LOW MIDDLING.		MIDDLING.		GOOD MIDDLING.	MIDDLING FAIR.		FAIR.
	1890-91	1889-90	1890-91	1889-90	1890-91	1889-90	1890-91	1889-90	1890-91	1889-90	1890-91	
September	9 1/4	9 1/2	10 1/4	10 1/2	11 1/4	10 3/4	11 1/2	11 1/4	11 3/4	12 1/4	13	13
October	8 1/4	8 1/2	9 1/4	9 1/2	10 1/4	10 1/2	10 3/4	10 1/2	10 3/4	11 1/4	12	12 1/2
November	7 1/2	7 3/4	8 1/4	8 1/2	9 1/4	9 1/2	9 3/4	9 1/2	9 3/4	10 1/4	11 1/4	11 1/2
December	6 1/2	6 3/4	7 1/4	7 1/2	8 1/4	8 1/2	8 3/4	8 1/2	8 3/4	9 1/4	10 1/4	10 1/2
January	5 1/2	5 3/4	6 1/4	6 1/2	7 1/4	7 1/2	7 3/4	7 1/2	7 3/4	8 1/4	9 1/4	9 1/2
February	4 1/2	4 3/4	5 1/4	5 1/2	6 1/4	6 1/2	6 3/4	6 1/2	6 3/4	7 1/4	8 1/4	8 1/2
March	3 1/2	3 3/4	4 1/4	4 1/2	5 1/4	5 1/2	5 3/4	5 1/2	5 3/4	6 1/4	7 1/4	7 1/2
April *	2 1/2	2 3/4	3 1/4	3 1/2	4 1/4	4 1/2	4 3/4	4 1/2	4 3/4	5 1/4	6 1/4	6 1/2
May	1 1/2	1 3/4	2 1/4	2 1/2	3 1/4	3 1/2	3 3/4	3 1/2	3 3/4	4 1/4	5 1/4	5 1/2
June	1 1/4	1 1/2	2 1/2	2 1/4	3 1/2	3 1/4	3 3/4	3 1/4	3 3/4	4 1/2	5 1/2	5 1/4
July	1 1/2	1 1/4	2 1/4	2 1/2	3 1/4	3 1/2	3 3/4	3 1/2	3 3/4	4 1/2	5 1/2	5 1/4
August	1 1/4	1 1/2	2 1/2	2 1/4	3 1/2	3 1/4	3 3/4	3 1/4	3 3/4	4 1/2	5 1/2	5 1/4
September	1 1/2	1 1/4	2 1/4	2 1/2	3 1/4	3 1/2	3 3/4	3 1/2	3 3/4	4 1/2	5 1/2	5 1/4
October	1 1/4	1 1/2	2 1/2	2 1/4	3 1/2	3 1/4	3 3/4	3 1/4	3 3/4	4 1/2	5 1/2	5 1/4
November	1 1/2	1 1/4	2 1/4	2 1/2	3 1/4	3 1/2	3 3/4	3 1/2	3 3/4	4 1/2	5 1/2	5 1/4
December	1 1/4	1 1/2	2 1/2	2 1/4	3 1/2	3 1/4	3 3/4	3 1/2	3 3/4	4 1/2	5 1/2	5 1/4
January	1 1/2	1 1/4	2 1/4	2 1/2	3 1/4	3 1/2	3 3/4	3 1/2	3 3/4	4 1/2	5 1/2	5 1/4
February	1 1/4	1 1/2	2 1/2	2 1/4	3 1/2	3 1/4	3 3/4	3 1/2	3 3/4	4 1/2	5 1/2	5 1/4
March	1 1/2	1 1/4	2 1/4	2 1/2	3 1/4	3 1/2	3 3/4	3 1/2	3 3/4	4 1/2	5 1/2	5 1/4
April *	1 1/4	1 1/2	2 1/2	2 1/4	3 1/2	3 1/4	3 3/4	3 1/2	3 3/4	4 1/2	5 1/2	5 1/4
May	1 1/2	1 1/4	2 1/4	2 1/2	3 1/4	3 1/2	3 3/4	3 1/2	3 3/4	4 1/2	5 1/2	5 1/4
June	1 1/4	1 1/2	2 1/2	2 1/4	3 1/2	3 1/4	3 3/4	3 1/2	3 3/4	4 1/2	5 1/2	5 1/4
July	1 1/2	1 1/4	2 1/4	2 1/2	3 1/4	3 1/2	3 3/4	3 1/2	3 3/4	4 1/2	5 1/2	5 1/4
August	1 1/4	1 1/2	2 1/2	2 1/4	3 1/2	3 1/4	3 3/4	3 1/2	3 3/4	4 1/2	5 1/2	5 1/4
September	1 1/2	1 1/4	2 1/4	2 1/2	3 1/4	3 1/2	3 3/4	3 1/2	3 3/4	4 1/2	5 1/2	5 1/4

COTTON CROPS OF THE UNITED STATES.

Estimated yearly production of Cotton in the United States, as indicated:

YEARS.	Bales.	YEARS.	Bales.	YEARS.	Bales.
1831-32.....	987,477	1850-51.....	2,415,257	1872-73.....	3,930,508
1832-33.....	1,070,438	1851-52.....	3,090,029	1873-74.....	4,170,388
1833-34.....	1,205,394	1852-53.....	3,352,882	1874-75.....	3,832,991
1834-35.....	1,254,328	1853-54.....	3,065,027	1875-76.....	4,669,298
1835-36.....	1,360,725	1854-55.....	2,932,339	1876-77.....	4,485,423
1836-37.....	1,425,575	1855-56.....	3,645,345	1877-78.....	4,811,265
1837-38.....	1,804,797	1856-57.....	3,056,519	1878-79.....	5,073,531
1838-39.....	1,363,403	1857-58.....	3,238,902	1879-80.....	5,757,397
1839-40.....	2,181,749	1858-59.....	3,994,481	1880-81.....	6,589,329
1840-41.....	1,639,353	1859-60.....	4,823,770	1881-82.....	5,433,845
1841-42.....	1,688,675	1860-61.....	3,826,086	1882-83.....	6,992,234
1842-43.....	2,394,203	1861 to 1865.....	No record.	1883-84.....	5,714,052
1843-44.....	2,108,579	1865-66.....	2,228,987	1884-85.....	5,669,021
1844-45.....	2,484,662	1866-67.....	2,059,271	1885-86.....	6,550,215
1845-46.....	2,170,537	1867-68.....	2,498,895	1886-87.....	6,513,623
1846-47.....	1,860,479	1868-69.....	2,439,039	1887-88.....	7,017,707
1847-48.....	2,424,113	1869-70.....	3,154,946	1888-89.....	6,935,082
1848-49.....	2,808,596	1870-71.....	4,352,317	1889-90.....	7,313,726
1849-50.....	2,171,706	1871-72.....	2,974,351	1890-91.....	8,653,518

NOTE.—Late years represent the estimates of the *Financial Chronicle*.

ANNUAL PRICES OF COTTON.

Average annual quotations for the various grades of Cotton, at Cincinnati:

YEARS.	Ordinary.	Good Ordinary.	Low Middling.	Middling.	Good Middling.	Middling Fair.	Fair.
1876-77.....	9.72	10.45	10.90	11.33	11.70	12.34	13.26
1877-78.....	9.04	9.60	10.26	10.77	11.15	11.76	12.59
1878-79.....	9.17	9.73	10.10	10.43	10.75	11.57	12.46
1879-80.....	9.64	10.56	11.27	11.68	12.06	12.66	13.62
1880-81.....	7.59	8.99	10.17	10.97	11.50	12.31	12.94
1881-82.....	8.96	10.46	11.18	11.72	12.09	12.84	13.58
1882-83.....	7.78	9.09	9.78	10.13	10.50	11.30	12.05
1883-84.....	8.56	9.63	10.32	10.66	10.99	11.46	12.10
1884-85.....	8.45	9.55	10.14	10.42	10.69	11.08	11.60
1885-86.....	7.18	8.27	8.83	9.17	9.76	10.67	11.26
1886-87.....	7.69	8.71	9.45	9.72	10	10.78	11.51
1887-88.....	7.81	8.81	9.56	9.83	10.13	10.76	11.51
1888-89.....	8.12	9.12	9.87	10.24	10.63	11.24	11.99
1889-90.....	8.80	10.24	10.76	11.04	11.31	11.83	12.58
1890-91.....	6.80	8.30	8.79	9.25	9.84	10.38	11.13

PRICES OF COTTON WARPS, ETC.

Prices of Warps, Wicking, Twine, Rope, Batting and Wadding, at Cincinnati, at the close of August, as indicated:

STOCK.	1891	1890	1889	STOCK.	1891	1890	1889
Carpet Warps, 5 ply, white, per lb.....	†15 @15½	†18	†18	Rope, 3-16 to 6-16 inch, per lb.....	†15½ @16	†14 @15	†14 @15
Carpet Warps, 5 ply, colored, per lb.....	†18 @18½	†21	†21	Batting, per lb.....	†8 @11½	†8 @11½	†8 @11½
Candle Wicking, per lb.....	†10½	†17	†16½	Wadding, black, 2 lbs., per doz.....	†30 @33½	†30 @33½	†30 @33½
Twine, two-thread, Diamond C, per lb.....	†16½	†16½	†16	Wadding, black, 1 lb., per doz.....	†17 @19	17 @19	†17 @19

† Sixty days' time; 2 per cent. off if paid in ten days.

WEEKLY MOVEMENT OF COTTON.

Receipts and shipments of Cotton, representing bales, at Cincinnati, and estimated stock at the close of each week, with actual stock at close of each year:

DATES.	RECEIPTS.			SHIPMENTS.			STOCK.		
	1890-91	1889-90	1888-89	1890-91	1889-90	1888-89	1890-91	1889-90	1888-89
September 6.....	365	136	545	407	170	461	1,285	3,262	.....
13.....	451	438	480	272	104	171	1,156	3,596	2,432
20.....	1,422	614	567	1,386	498	502	802	3,512	2,495
27.....	1,467	1,602	1,328	611	1,655	651	1,418	3,259	3,070
October 4.....	2,471	2,983	2,417	2,589	2,092	1,718	1,020	3,550	3,669
11.....	5,496	5,326	5,820	4,729	3,944	4,604	1,487	5,132	4,785
18.....	5,206	4,488	10,072	4,245	5,972	7,431	2,118	5,448	7,326
25.....	6,801	7,882	14,353	6,038	5,767	11,448	2,611	5,463	10,131
November 1.....	8,005	10,328	11,170	8,455	10,471	11,402	1,861	5,120	9,795
8.....	15,413	9,062	16,874	11,664	10,136	13,605	5,340	3,846	12,968
15.....	16,894	12,340	17,768	17,634	10,111	18,686	4,300	5,875	11,840
22.....	17,156	18,553	15,869	15,116	18,719	16,102	6,040	5,519	11,417
29.....	15,137	14,472	24,000	17,385	9,619	22,816	3,492	10,172	17,401
December 6.....	15,882	16,196	14,531	15,640	16,498	15,235	3,531	9,670	11,437
13.....	16,401	18,792	12,934	16,418	15,734	12,769	2,917	12,528	11,462
20.....	9,781	14,532	15,243	10,230	17,577	12,187	2,068	9,283	14,218
27.....	9,617	16,093	16,322	9,089	16,691	16,492	2,196	9,085	18,838
January 3.....	21,245	17,504	14,696	19,779	13,944	15,537	3,264	12,445	12,847
10.....	15,557	15,562	29,802	15,293	17,329	30,245	3,128	10,218	12,104
17.....	23,385	11,952	10,348	20,602	11,838	10,259	5,511	10,192	11,993
24.....	10,000	14,099	10,079	11,837	12,549	8,065	3,374	11,542	13,807
31.....	14,145	13,047	12,721	13,557	15,746	10,799	3,662	8,843	15,479
February 7.....	10,839	13,869	12,245	10,349	12,958	14,720	3,852	9,554	12,754
14.....	11,942	11,854	8,364	11,580	12,704	11,091	3,914	8,564	9,777
21.....	5,145	6,419	9,069	6,428	6,004	6,100	2,331	8,919	12,496
28.....	7,506	6,970	12,159	5,953	7,685	12,466	3,584	7,904	11,989
March 7.....	15,085	3,994	11,111	13,914	3,358	10,213	4,415	9,012	12,687
14.....	5,150	5,600	8,238	6,319	5,839	11,691	3,086	8,001	8,984
21.....	5,502	4,570	4,377	4,155	4,945	4,582	4,233	7,416	8,579
28.....	5,125	2,065	3,380	5,036	2,317	3,981	4,122	7,064	7,728
April 4.....	4,329	6,721	7,697	4,632	3,891	6,817	3,619	9,694	8,408
11.....	3,021	2,686	5,329	2,983	4,477	5,558	3,507	7,703	8,129
18.....	3,790	6,402	2,429	4,088	5,767	3,559	3,059	8,128	6,749
25.....	3,534	2,476	6,497	2,830	2,253	3,829	3,613	8,161	9,117
May 2.....	3,883	2,677	2,972	4,000	2,576	2,568	3,346	8,062	9,171
9.....	5,461	2,898	3,303	5,145	2,725	2,074	3,512	8,015	10,160
16.....	1,942	2,201	1,539	2,037	2,016	2,496	3,267	8,020	8,843
23.....	2,943	2,198	1,061	2,950	2,261	775	3,180	7,657	8,829
30.....	2,694	869	2,030	3,120	2,173	1,505	2,654	6,053	9,054
June 6.....	1,839	815	1,131	1,758	1,591	1,521	2,635	4,977	8,364
13.....	2,373	1,400	1,778	1,723	1,426	1,367	3,185	4,651	8,275
20.....	2,580	1,360	405	2,976	1,394	883	2,689	4,317	4,906
27.....	1,584	402	726	1,591	185	558	2,582	4,231	4,774
July 4.....	1,996	251	358	1,053	146	252	3,425	4,139	4,480
11.....	1,921	273	387	2,381	683	398	2,865	3,529	4,069
18.....	1,535	328	92	1,707	152	231	2,593	3,405	3,530
25.....	1,419	35	88	1,092	181	76	2,820	2,909	3,142
August 1.....	699	124	308	1,103	138	132	2,416	2,595	2,918
8.....	1,005	160	379	649	182	418	2,772	2,223	2,479
15.....	576	95	43	880	108	2	2,468	1,910	2,120
22.....	1,015	.....	360	960	63	274	2,523	1,547	1,706
29.....	763	371	102	629	191	85	14,008	11,327	13,296

* Approximate stock.

† Actual count, including Cotton in hands of spinners.

NOTE.—The consumption of Cotton, at Cincinnati, in 1890-91 was 9,960 bales; in 1889-90, 11,200, and in 1888-89, 13,368 bales.

Consumption of Cotton in the United States and Canada, and Exports:

	1890-91	1889-90	1888-89	1887-88	1886-87	1885-86	1884-85	1883-84
Exported to Europe.....	5,750,000	4,885,000	4,700,000	4,602,000	4,414,000	4,297,000	3,899,000	3,580,000
Domestic consumption.....	2,643,000	2,432,000	2,373,000	2,260,000	2,265,000	2,088,000	1,764,000	2,043,000
Total, bales.....	8,393,000	7,317,000	7,073,000	6,862,000	6,679,000	6,385,000	5,663,000	5,623,000

WEEKLY PRICES OF COAL.

Price of the several kinds of Coal indicated, per bushel afloat, and per ton delivered, at Cincinnati, on Tuesdays, in two years:

DATES.	PITTSBURGH (YOUNGHOHENY).			CAMPBELL'S CREEK.			WINIFREDE.			RAYMOND (CITY).		
	Afloat, bushel.	Delivered, ton.	1890-91	Afloat, bushel.	Delivered, ton.	1890-91	Afloat, bushel.	Delivered, ton.	1890-91	Afloat, bushel.	Delivered, ton.	1890-91
September 2..	7	\$2.50	6 1/2	6	\$2.50	6 1/2	6 1/2	\$2.50	6 1/2	6	\$2.50	6 1/2
16..	7	2.50	6 1/2	6	2.50	6 1/2	6	2.50	6 1/2	6	2.50	6 1/2
23..	7	3.00	6 1/2	6	3.00	6 1/2	6	3.00	6 1/2	6	3.00	6 1/2
30..	7	3.00	6 1/2	7	3.00	6 1/2	7	3.00	6 1/2	7	3.00	6 1/2
October 7..	6 1/2	3.00	6	7	3.00	6	7	3.00	6	7	3.00	6
14..	6 1/2	3.00	6	7	3.00	6	7	3.00	6	7	3.00	6
21..	6 1/2	3.00	6	7	3.00	6	7	3.00	6	7	3.00	6
28..	6 1/2	3.00	6	7	3.00	6	7	3.00	6	7	3.00	6
November 4..	6 1/2	3.00	6	7	3.00	6	7	3.00	6	7	3.00	6
11..	6 1/2	3.00	6	7	3.00	6	7	3.00	6	7	3.00	6
18..	6 1/2	3.00	6	7	3.00	6	7	3.00	6	7	3.00	6
25..	6 1/2	3.00	6	7	3.00	6	7	3.00	6	7	3.00	6
December 2..	6 1/2	3.00	6	7	3.00	6	7	3.00	6	7	3.00	6
9..	6 1/2	3.00	6	7	3.00	6	7	3.00	6	7	3.00	6
16..	6 1/2	3.00	6	7	3.00	6	7	3.00	6	7	3.00	6
23..	6 1/2	3.00	6	7	3.00	6	7	3.00	6	7	3.00	6
30..	6 1/2	3.00	6	7	3.00	6	7	3.00	6	7	3.00	6
January 6..	6 1/2	3.00	6	7	3.00	6	7	3.00	6	7	3.00	6
13..	6 1/2	3.00	6	7	3.00	6	7	3.00	6	7	3.00	6
20..	6 1/2	3.00	6	7	3.00	6	7	3.00	6	7	3.00	6
27..	6 1/2	3.00	6	7	3.00	6	7	3.00	6	7	3.00	6
February 3..	6 1/2	3.00	6	7	3.00	6	7	3.00	6	7	3.00	6
10..	6 1/2	3.00	6	7	3.00	6	7	3.00	6	7	3.00	6
17..	6 1/2	3.00	6	7	3.00	6	7	3.00	6	7	3.00	6
24..	6 1/2	3.00	6	7	3.00	6	7	3.00	6	7	3.00	6
March 3..	6 1/2	3.00	6	7	3.00	6	7	3.00	6	7	3.00	6
10..	6 1/2	3.00	6	7	3.00	6	7	3.00	6	7	3.00	6
17..	6 1/2	3.00	6	7	3.00	6	7	3.00	6	7	3.00	6
24..	6 1/2	3.00	6	7	3.00	6	7	3.00	6	7	3.00	6
April 7..	6 1/2	3.00	6	7	3.00	6	7	3.00	6	7	3.00	6
14..	6 1/2	3.00	6	7	3.00	6	7	3.00	6	7	3.00	6
21..	6 1/2	3.00	6	7	3.00	6	7	3.00	6	7	3.00	6
28..	6 1/2	3.00	6	7	3.00	6	7	3.00	6	7	3.00	6
May 5..	6 1/2	3.00	6	7	3.00	6	7	3.00	6	7	3.00	6
12..	6 1/2	3.00	6	7	3.00	6	7	3.00	6	7	3.00	6
19..	6 1/2	3.00	6	7	3.00	6	7	3.00	6	7	3.00	6
26..	6 1/2	3.00	6	7	3.00	6	7	3.00	6	7	3.00	6
June 2..	6 1/2	3.00	6	7	3.00	6	7	3.00	6	7	3.00	6
9..	6 1/2	3.00	6	7	3.00	6	7	3.00	6	7	3.00	6
16..	6 1/2	3.00	6	7	3.00	6	7	3.00	6	7	3.00	6
23..	6 1/2	3.00	6	7	3.00	6	7	3.00	6	7	3.00	6
30..	6 1/2	3.00	6	7	3.00	6	7	3.00	6	7	3.00	6
July 7..	6 1/2	3.00	6	7	3.00	6	7	3.00	6	7	3.00	6
14..	6 1/2	3.00	6	7	3.00	6	7	3.00	6	7	3.00	6
21..	6 1/2	3.00	6	7	3.00	6	7	3.00	6	7	3.00	6
28..	6 1/2	3.00	6	7	3.00	6	7	3.00	6	7	3.00	6
August 4..	6 1/2	3.00	6	7	3.00	6	7	3.00	6	7	3.00	6
11..	6 1/2	3.00	6	7	3.00	6	7	3.00	6	7	3.00	6
18..	6 1/2	3.00	6	7	3.00	6	7	3.00	6	7	3.00	6
25..	6 1/2	3.00	6	7	3.00	6	7	3.00	6	7	3.00	6

AVERAGE ANNUAL PRICES OF COAL.

Average annual prices for the various kinds of Coal, per bushel, or its equivalent, at Cincinnati, for years indicated, ending August 31 :

YEARS.	AFLOAT.							
	Pittsburgh.*	Ashland.	Ohio River.	Hocking Valley.	Raymond City.	Muskingum Valley.	Campbell's Creek.	Winifrede.
1874-75.....	9.32	8.30	6.63	† 9.94	\$8.35	\$9.94	.....	.....
1875-76.....	8.30	7.09	5.97	† 10.05	\$7.62	\$9.72	.....	.....
1876-77.....	7.96	6.75	6.19	† 9.98	\$7.30	\$9.43	.....	.....
1877-78.....	7.86	6.12	5.82	† 9.30	\$6.50	\$9.17	7.10	.....
1878-79.....	7.58	6	5.52	† 9.10	\$6.88	\$8.92	7.16	.....
1879-80.....	9.06	.....	6.67	.....	.....	.....	8.66	.....
1880-81.....	10.23	8.50	7.35	.....	9.22	.....	9.67	.....
1881-82.....	8.78	.....	7.30	† 9.97	8.45	\$9.85	9.08	.....
1882-83.....	8.32	6.40	5.86	† 9	7.28	\$8.88	7.96	.....
1883-84.....	8.11	.....	5.63	† 9.13	7.17	\$9.13	7.54	.....
1884-85.....	8.04	6.29	5.44	.....	7.14	.....	7.43	.....
1885-86.....	6.58	5.44	4.98	† 7.37	6.23	\$7.37	6.24	.....
1886-87.....	7.55	6.37	5.83	† 8.04	7.35	\$8.03	7.26	7.15
1887-88.....	10.01	7.98	7.38	† 9.93	9.75	\$9.93	9.75	9.75
1888-89.....	6.71	.....	4.76	.....	6.10	.....	6.10	5.97
1889-90.....	6.78	.....	5.16	.....	6.34	.....	6.37	6.33
1890-91.....	7.28	.....	.....	.....	6.75	.....	6.75	.....

YEARS.	DELIVERED.							
	Pittsburgh.	Ashland.	Ohio River.	Hocking Valley.	Raymond City.	Muskingum Valley.	Campbell's Creek.	Winifrede.
1874-75.....	14	12.33	11.45	12	12.71	13	.....	.....
1875-76.....	12.11	10.08	9.75	11.91	11.53	11.79	.....	.....
1876-77.....	11.37	10.37	9.90	11.45	10.76	10.98	.....	.....
1877-78.....	11	9.62	9.22	10.67	10.35	10.62	10.45	.....
1878-79.....	11.12	9.63	8.79	10.48	10.19	10.42	10.70	.....
1879-80.....	13.22	11.07	11.44	12.50	11.97	11.93	12.55	.....
1880-81.....	15	13.18	12.36	13.55	13.97	13.55	14.87	.....
1881-82.....	14.47	.....	12.25	12.47	13.47	12.47	14.47	.....
1882-83.....	12.62	10.62	10.62	11.06	11.62	10.72	12.25	.....
1883-84.....	11.85	.....	10.13	11.34	11.05	11.34	11.65	.....
1884-85.....	10.91	9.50	9.31	.....	10.72	.....	10.73	.....
1885-86.....	10.05	9.09	8.54	9.42	9.64	9.42	9.65	.....
1886-87.....	11.04	9.73	9.67	10.03	10.82	10.03	10.86	10.55
1887-88.....	13.96	11.77	11.66	11.82	13	11.82	13.27	13.25
1888-89.....	9.95	.....	8.63	.....	9.64	.....	9.64	9.48
1889-90.....	9.69	.....	8.86	.....	9.69	.....	9.67	9.54
1890-91.....	10.24	.....	.....	.....	10.24	.....	10.24	10.17

* On cars.

† At elevator.

‡ Nominal. Very little in the market.

THE WORLD'S PRODUCTION OF COAL.

Detailed statement of the World's output of Coal, in tons, for years indicated :

COUNTRIES.	1890	1889	1888	1887
Great Britain.....	181,614,000	176,917,000	169,935,000	162,120,000
United States.....	140,032,000	132,419,000	132,549,000	120,147,000
Germany.....	87,591,000	84,341,000	76,864,000	76,115,000
Other Countries.....	8,893,000	72,899,000	76,181,000	72,919,000
Total, tons.....	498,130,000	468,576,000	455,529,000	431,301,000

AVERAGE ANNUAL PRICES OF COAL.

Average annual prices for the various kinds of Coal, per ton of 2,000 pounds, or its equivalent, at Cincinnati, for years indicated, ending August 31:

YEARS.	A FLOAT.									
	Pittsburgh.	Ashland.	Ohio River.	Hocking Valley.	Raymond City.	Muskingum Valley.	Campbell's Creek.	Winifrede.	Cannel.	Anthracite.
1876-77.....	\$2 21	\$1 87	\$1 72	12 77	\$2 03	\$2 62	.....	.....	\$4 37	.....
1877-78.....	2 18	1 70	1 61	12 58	\$1 80	\$2 54	\$1 97	.....	3 61	.....
1878-79.....	2 10	1 66	1 53	12 53	\$1 91	\$2 48	1 99	.....	3 67	.....
1879-80.....	2 57	.....	1 85	.....	.....	.....	2 40	.....	.....	.....
1880-81.....	2 84	2 30	2 04	.....	2 56	.....	2 68	.....	.....	.....
1881-82.....	2 44	.....	2 03	12 77	2 35	\$2 73	2 52	.....	4 41	.....
1882-83.....	2 31	1 78	1 63	\$2 50	2 02	\$2 46	2 21	.....	4 41	.....
1883-84.....	2 25	.....	1 56	\$2 53	1 99	12 53	2 09	.....	.....	.....
1884-85.....	2 23	1 75	1 51	.....	1 98	.....	2 06	.....	.....	.....
1885-86.....	1 83	1 51	1 38	\$2 05	1 73	\$2 05	1 73	.....	.....	.....
1886-87.....	2 10	1 77	1 62	\$2 23	2 04	\$2 23	2 01	\$1 98	.....	.....
1887-88.....	2 78	2 21	2 05	\$2 76	2 71	\$2 76	2 71	2 71	.....	.....
1888-89.....	1 86	.....	1 32	.....	1 69	.....	1 69	1 66	.....	.....
1889-90.....	1 88	.....	1 43	.....	1 76	.....	1 77	1 76	.....	.....
1890-91.....	2 02	.....	.....	.....	1 87	.....	1 87	.....	.....	.....

YEARS.	DELIVERED.									
	Pittsburgh.	Ashland.	Ohio River.	Hocking Valley.	Raymond City.	Muskingum Valley.	Campbell's Creek.	Winifrede.	Cannel.	Anthracite.
1876-77.....	\$3 16	\$2 88	\$2 75	\$3 18	\$2 99	\$3 05	.....	.....	\$4 37	\$5 33
1877-78.....	3 05	2 67	2 56	2 96	2 87	2 95	\$2 90	.....	3 61	7 54
1878-79.....	3 03	2 67	2 44	2 91	2 83	2 89	2 97	.....	3 67	6 67
1879-80.....	3 67	3 07	2 90	3 53	3 32	3 31	3 48	.....	5 52	6 68
1880-81.....	4 16	3 66	3 43	3 76	3 88	3 76	4 13	.....	6 35	8 01
1881-82.....	4 02	.....	3 40	3 46	3 47	3 36	4 02	.....	6 06	8 21
1882-83.....	3 54	2 95	2 55	3 07	3 21	2 98	3 40	.....	5 31	7 87
1883-84.....	3 29	.....	2 82	3 15	3 07	2 15	3 23	.....	4 72	7 40
1884-85.....	3 03	2 64	2 78	.....	2 18	.....	2 98	.....	4 43	7 05
1885-86.....	2 79	2 52	2 37	2 61	2 18	2 61	2 68	.....	4 21	6 62
1886-87.....	3 06	2 70	2 68	2 78	3 00	2 78	3 01	\$2 93	4 44	6 78
1887-88.....	3 88	3 27	3 21	3 28	3 61	3 28	3 68	3 68	.....	7 63
1888-89.....	2 76	.....	2 40	.....	2 68	.....	2 68	2 63	3 55	7 00
1889-90.....	2 69	.....	2 46	.....	2 69	.....	2 69	2 66	3 97	6 46
1890-91.....	2 84	.....	.....	.....	2 81	.....	2 81	2 82	5 50	6 36

* On cars.

† At elevator.

‡ Nominal. Very little in the market.

AVERAGE ANNUAL PRICES OF COKE.

Average annual prices of Coke, delivered, at Cincinnati, in ten years:

YEARS.	City Manufactured.	Gas House.	Connellsville.	Crushed.	YEARS.	City Manufactured.	Gas House.	Connellsville.	Crushed.
	Bushel.	Bushel.	Ton.	Bushel.		Bushel.	Bushel.	Ton.	Bushel.
1881-82.....	10 09	10.38	\$6 28	11.74	1886-87.....	8 73	9	\$5 56	10.19
1882-83.....	8	9	5 76	10	1887-88.....	10 52	10 75	6 02	11 80
1883-84.....	8	9	5 25	10	1888-89.....	8 19	9 08	5 15	10
1884-85.....	7.90	8.67	5 31	10	1889-90.....	7.98	8 75	5 50	9.71
1885-86.....	7.79	9	5 22	10	1890-91.....	8 44	8	6 20	8 92

ANNUAL RECEIPTS OF COAL.

Annual receipts of Coal, at Cincinnati, for years ending August 31, according to reports of gaugers, private returns, and records of the Chamber of Commerce:

YEARS.	PITTSBURGH. Youghiogheny	KANAWHA.	OHIO RIVER.	CANNEL.	AN HRACILE.	OTHER KINDS.	TOTAL.	Equal Tons.
	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	
1874-75	24,225,002	4,476,619	4,277,327	565,352	348,750	1,597,200	35,390,300	1,311,488
1875-76	27,017,592	6,004,675	4,400,792	409,358	282,578	2,068,322	40,183,317	1,489,108
1876-77	28,297,572	3,631,823	5,141,150	322,171	376,125	1,913,793	39,422,634	1,468,619
1877-78	26,743,055	6,386,623	3,288,008	380,768	439,350	1,634,425	38,892,229	1,441,754
1878-79	20,769,027	6,134,039	4,068,452	333,549	768,750	2,116,680	34,210,667	1,269,339
1879-80	31,750,968	8,912,801	4,268,214	402,489	712,075	2,351,699	48,198,246	1,787,230
1880-81	23,202,084	10,715,459	3,151,934	67,684	770,525	2,336,752	40,244,438	1,492,817
1881-82	37,807,961	13,950,802	3,560,881	77,336	779,925	3,090,715	59,267,620	2,197,407
1882-83	33,835,064	13,360,347	3,309,534	180,621	977,250	2,997,216	54,620,032	2,025,859
1883-84	32,239,473	15,926,743	2,956,688	293,010	1,085,350	3,910,795	56,412,059	2,092,551
1884-85	32,286,133	14,588,573	3,007,078	314,774	1,257,900	2,683,864	54,138,322	2,008,850
1885-86	34,923,542	17,329,349	929,746	205,717	1,287,925	2,720,250	57,416,529	2,130,354
1886-87	37,701,094	20,167,875	338,435	129,503	1,314,775	3,893,850	63,345,532	2,350,026
1887-88	41,180,713	20,926,596	1,533,358	26,098	1,328,225	5,710,649	70,705,439	2,551,415
1888-89	36,677,974	23,761,833	514,910	12,129	1,020,525	3,075,000	65,092,421	2,348,056
1889-90	42,601,615	19,221,196	451,385	.....	1,001,175	4,109,775	67,388,146	2,452,233
1890-91	43,254,400	19,115,172	1,479,670	15,111	1,118,071	7,562,038	73,315,782	2,668,923

NOTE.—Shipments of Coal for 1890-91, 13,814,020 bushels. Receipts of Coke, 5,921,144 bushels. Quantity of Coke manufactured, 5,032,660 bushels.

MOVEMENT OF IRON AND STEEL.

Receipts and shipments of Iron and Steel of all kinds, at Cincinnati:

YEARS.	RECEIPTS.			SHIPMENTS.				
	Manufactured Iron and Steel.			Pig. Tons.	Manufactured Iron and Steel.			Pig. Tons.
	Tons.	Pieces.	Bundles.		Tons.	Pieces.	Bundles.	
1865-66	56,198	118,155	31,911	55,849	27,030	154,800	10,485	29,005
1866-67	58,699	51,844	43,472	35,660	35,556	142,423	41,263	14,571
1867-68	58,099	96,582	35,544	32,694	11,363	241,808	59,042	18,254
1868-69	63,080	150,828	73,303	41,093	14,854	281,386	80,568	24,654
1869-70	71,355	148,403	34,245	53,668	35,141	191,538	49,786	20,712
1870-71	67,593	89,561	9,459	56,758	36,016	255,038	49,696	25,558
1871-72	79,661	134,670	10,569	112,753	51,322	179,811	25,399	47,444
1872-73	61,117	107,587	4,293	130,795	37,706	40,817	3,291	82,565
1873-74	44,237	159,859	68,057	97,815	30,617	74,048	105,875	60,356
1874-75	39,749	105,606	73,733	117,225	24,952	96,944	172,327	78,610
1875-76	49,502	168,215	156,821	137,646	32,640	80,845	67,536	124,897
1876-77	37,289	404,769	182,870	129,194	29,183	268,466	119,746	113,954
1877-78	43,737	451,327	205,912	125,912	41,655	321,458	191,101	102,021
1878-79	68,528	162,287	88,149	212,281	62,980	142,465	85,685	187,699
1879-80	144,013	79,970	61,566	248,515	90,453	206,732	114,933	205,234
1880-81	121,914	12,932	18,105	334,702	95,338	57,352	47,968	295,203
1881-82	99,929	.....	.....	386,510	89,571	.....	4,485	331,153
1882-83	106,457	.....	.....	417,635	115,597	.....	.....	382,867
1883-84	108,422	.....	.....	427,934	112,610	.....	.....	386,153
1884-85	112,109	.....	.....	406,998	89,745	.....	.....	363,663
1885-86	137,203	.....	.....	511,426	104,311	.....	.....	461,379
1886-87	135,885	.....	.....	667,773	139,393	.....	.....	604,954
1887-88	150,747	.....	.....	672,758	124,736	.....	.....	593,306
1888-89	147,961	.....	.....	740,683	123,681	.....	.....	618,716
1889-90	192,971	.....	.....	820,000	161,915	.....	.....	719,462
1890-91	174,512	.....	.....	948,428	164,262	.....	.....	819,937

NOTE.—Pig Iron sold here, but shipped directly from the furnaces or places of storage to destination, without coming to Cincinnati, is embraced in the Pig Iron figures since 1871-72.

LOW AND HIGH PRICES OF PIG IRON.

Lowest and highest quotations of No. 1 Hotblast Charcoal Iron, per ton, at Cincinnati, and months for the same, in years ending August 31 :

YEARS.	LOWEST.		HIGHEST.	
	Quotations.	Months.	Quotations.	Months.
1865-66...	\$50 00	September.....	\$55 00	Oct., Nov., Dec., Jan., Feb., Mar., Apr.
1866-67...	50 00	July, August.....	53 00	September, October.
1867-68...	38 00	July, August.....	50 00	September, October.
1868-69...	38 00	September, October.....	48 00	April, May, June, July, August.
1869-70...	37 00	June, July, August.....	50 00	September, October, November.
1870-71...	35 00	August.....	37 50	Sept., Oct., Nov., Dec.
1871-72...	35 00@36 00	September.....	57 00	August
1872-73...	47 00@49 00	August.....	58 00@59 00	September, October, November.
1873-74...	33 00@34 00	July, August.....	47 00@49 00	September.
1874-75...	27 00@28 00	Dec., Jan., Feb., Aug.....	33 00@34 00	September.
1875-76...	24 00@25 00	Feb., Mar., Apr., May, Jun., Jul., Aug.....	27 00@28 00	September.
1876-77...	23 00@24 00	Oct., Nov., Dec., Jan., Aug.....	24 00@25 00	Sep., Oct., Apr., May, June, July, Aug.
1877-78...	21 00@22 00	August.....	23 00@24 00	Sep., Oct., Nov., Dec., Jan., Feb.
1878-79...	20 00@21 00	June, July.....	27 00@28 00	August.
1879-80...	27 00@28 00	September, May, June, July.....	43 00@44 00	February.
1880-81...	26 00@27 00	{ Dec., Jan., Feb., Mar., April, May, } June, July, Aug.....	30 00	September.
1881-82...	26 00@27 00	September.....	29 00@30 00	January, February, March, April.
1882-83...	24 50@25 00	May, June, July, August.....	27 50@28 00	September, October.
1883-84...	22 00@23 25	May, June, July, August.....	24 50@25 00	September.
1884-85...	18 00@19 00	June, July, August.....	22 00@23 25	September.
1885-86...	18 00@19 00	September.....	20 00@22 00	Dec., Jan., Feb., March, April, May.
1886-87...	20 00@21 00	September, October.....	24 00@25 50	January, February, March, April.
1887-88...	20 50@21 50	June, July, August.....	24 00@21 50	September, October.
1888-89...	20 00@22 00	August.....	21 00@22 00	Each month in the year.
1889-90...	20 00@22 00	September, October, November.....	22 00@23 00	December, January, February, Mar.
1890-91...	20 00@22 00	January to August, inclusive.....	21 00@22 00	Sept., Oct., Nov., Dec., Jan.

Lowest and highest quotations of Strong No. 1 Stone Coal Iron, per ton, at Cincinnati, and months for the same, in years ending August 31 :

YEARS.	LOWEST.		HIGHEST.	
	Quotations.	Months.	Quotations.	Months.
1872-73...	\$45 00@47 00	August.....	\$58 00@59 00	September, October, November.
1873-74...	32 00@33 00	June, July, August.....	45 00@47 00	September, October.
1874-75...	26 00@27 00	Dec., Jan., Feb., July, Aug.....	32 00@33 00	September.
1875-76...	23 00@24 00	Feb., Mar., Apr., May, Jun., July, Aug.....	26 00@27 00	September.
1876-77...	22 00@23 00	December, August.....	23 00@24 00	Sept., Oct., Jan., Feb., March, April, May, June, July, Aug.
1877-78...	19 00@20 00	August.....	22 00@23 00	Sept., Oct., Nov., Dec., Jan.
1878-79...	19 00@20 00	Sept., Oct., Nov., Dec., Jan., Feb.....	24 00@25 00	August.
1879-80...	24 00@25 00	September.....	40 00@41 00	January, February.
1880-81...	23 00@24 00	{ Oct., Nov., Dec., Jan., Feb., Mar. } April, May, June, July, Aug.....	24 00@26 00	September.
1881-82...	23 00@25 00	June, July.....	27 00@28 00	Nov., Dec., Jan., Feb., March, April.
1882-83...	21 00@22 00	June, July, August.....	23 00@25 50	September, October.
1883-84...	18 00@19 00	July, August.....	21 00@22 00	September.
1884-85...	15 50@16 50	August.....	18 00@19 00	September, October, November.
1885-86...	15 50@16 50	September.....	18 00@20 00	January, February, March.
1886-87...	17 00@18 50	September, October.....	21 50@23 00	January, February, March.
1887-88...	16 00@16 50	June, July, August.....	21 00@21 50	September.
1888-89...	14 75@17 50	May, June, July, August.....	17 50@19 00	September.
1889-90...	15 00@18 50	April, May.....	19 00@20 50	January.
1890-91...	14 50@17 50	January, February.....	15 25@18 50	October.

MONTHLY PRICES OF PIG IRON.

Range of prices monthly of Hanging Rock No. 1 Hotblast Charcoal, Strong No. 1 Hotblast Stone Coal, and Hanging Rock Carwheel Coldblast Charcoal Pig Iron, per ton, at Cincinnati:

MONTHS.	HOTBLAST CHARCOAL.		HOTBLAST STONE COAL AND COKE.		COLDBLAST CHARCOAL.	
	1890-91	1889-90	1890-91	1889-90	1890-91	1889-90
September	\$21 00@22 00	\$20 00@22 00	\$15 50@18 00	\$15 25@18 00	\$22 00@25 00	\$22 50@24 00
October	21 00@22 00	20 00@22 00	15 25@18 50	15 50@18 50	22 00@25 00	22 50@24 00
November	21 00@22 00	20 00@22 00	15 25@18 00	16 25@20 00	22 00@25 00	23 00@24 00
December	21 00@22 00	21 00@23 00	14 75@18 00	18 00@20 50	23 00@25 00	22 00@25 00
January	21 00@22 00	22 00@23 00	14 50@17 50	18 50@20 50	23 00@25 00	22 00@25 00
February	20 00@22 00	22 00@23 00	14 50@17 50	18 50@20 50	22 00@25 00	22 00@25 00
March	20 00@22 00	21 00@23 00	15 00@17 50	17 25@20 50	22 00@24 00	22 00@25 00
April	20 00@22 00	21 00@23 00	15 00@17 50	15 00@18 50	21 00@21 00	22 00@25 00
May	20 00@22 00	21 00@22 00	15 00@17 50	15 00@18 50	21 00@23 00	22 00@25 00
June	20 00@22 00	21 00@22 00	15 00@17 50	15 00@18 50	19 50@23 00	22 00@25 00
July	20 00@22 00	21 00@22 00	15 00@17 50	15 50@18 00	19 50@20 50	22 00@25 00
August	20 00@22 00	21 00@22 00	14 75@17 50	15 50@18 00	19 50@20 50	22 00@25 00

PIG IRON PRODUCTION.

The following statement, showing the production of Pig Iron in nine States immediately tributary to Cincinnati, is compiled from reports of Mr. JAMES M. SWANK, General Manager of the American Iron and Steel Association, the figures indicating net tons:

STATES.	BITUMINOUS COAL AND COKE.		CHARCOAL.		ENTIRE PRODUCTION.	
	1890	1889	1890	1889	1890	1889
Alabama	804,588	680,998	110,352	110,427	914,940	791,425
Georgia	26,057	25,286	6,620	2,273	32,687	27,559
Indiana	16,398	9,839	.....	.....	16,398	9,839
Kentucky	49,857	35,732	3,747	6,786	53,604	42,518
Michigan .....	.....	.....	258,461	214,356	258,461	214,356
Missouri	66,585	53,510	31,965	32,680	100,550	86,190
Ohio	1,362,973	1,193,105	26,197	22,467	1,389,170	1,215,572
Tennessee	245,729	244,431	54,012	50,224	299,741	294,655
West Virginia	144,970	117,900	.....	.....	144,970	117,900
Total	2,717,157	2,360,801	493,364	439,213	3,210,521	2,800,014

Total production of Pig Iron in the United States, representing net tons, for years indicated:

1873	2,868,278	1879	3,070,875	1885	4,529,869
1874	2,680,413	1880	4,205,414	1886	6,365,328
1875	2,266,581	1881	4,641,564	1887	7,187,206
1876	2,093,236	1882	5,178,122	1888	7,268,507
1877	2,314,585	1883	5,146,972	1889	8,516,079
1878	2,577,361	1884	4,589,613	1890	10,307,028

PRICES OF PIG IRON.

Prices of the various kinds of Pig Iron, per ton, at Cincinnati, at the close of August, as indicated:

KINDS.	1891	1890	1889	1888
HOTBLAST CHARCOAL.				
Hanging Rock, No. 1.....	\$20 09@22 00	\$21 00@22 00	\$20 00@22 00	\$21 00@22 00
" " No. 2.....	20 00@22 00	21 00@22 00	19 00@20 00	19 50@21 00
" " forge.....	19 00@20 00	19 00@20 00	18 00@18 50	18 00@18 50
Southern, No. 1.....	16 50@17 00	17 50@18 00	17 50@18 50	18 00@19 00
" No. 2.....	16 25@17 00	16 50@17 00	16 50@17 50	17 00@18 00
" forge.....	16 00@17 00	16 00@17 00	15 00@16 00	16 50@17 00
Missouri, No. 1.....	18 00@19 00	19 00@20 00	17 50@18 00	18 50@19 50
" No. 2.....	17 00@18 00	18 00@19 00	17 00@17 50	17 50@18 50
" forge.....	17 00@18 00	18 00@19 00	17 00@18 00	17 00@18 00
Lake Superior, Nos. 1 and 2.....	19 50@20 00	20 50@21 50	20 00@21 00	21 00@22 00
" Nos. 3 to 6.....	20 00@20 50	21 50@22 50	20 50@21 50	21 00@22 00
HOTBLAST STONE COAL AND COKE.				
Beasmer, Nos. 1 and 2.....	19 50@20 00	19 50@20 00	17 50@18 00	19 00@19 50
" forge.....	19 50@20 00	19 50@20 00	17 50@18 00	18 00@19 00
Strong, No. 1.....	14 75@17 50	16 50@18 00	15 25@17 00	17 50@18 00
" No. 2.....	13 75@17 00	15 50@17 00	14 50@16 00	16 50@17 50
Soft, No. 1.....	16 50@17 00	15 50@17 50	15 75@16 50	17 00@18 00
" No. 2.....	15 50@16 50	14 75@16 50	14 75@15 50	16 00@17 00
COLD AND WARMBLAST CHARCOAL.				
Hanging Rock, carwheel and malleable.....	19 50@20 50	22 00@25 00	22 50@24 00	22 50@24 00
Southern, " ".....	18 00@19 00	22 50@23 50	19 50@23 00	19 50@23 00

Average annual prices of Pig Iron, per ton, at Cincinnati, for years indicated:

YEARS.	No. 1 hot-blast char-coal iron.	No. 1 stone-coal iron.	No. 1 car-wheel iron.	YEARS.	No. 1 hot-blast char-coal iron.	No. 1 stone-coal iron.	No. 1 car-wheel iron.
1871-72.....	\$46 74	.....	.....	1881-82.....	\$28 45	\$25 96	\$36 50
1872-73.....	55 33	.....	.....	1882-83.....	25 63	22 82	30 42
1873-74.....	39 21	.....	.....	1883-84.....	23 43	20 40	28 46
1874-75.....	29 28	.....	.....	1884-85.....	20 93	17 33	26 41
1875-76.....	25 16	.....	.....	1885-86.....	20 46	17 96	25 50
1876-77.....	24 14	.....	.....	1886-87.....	22 95	20 54	28 31
1877-78.....	22 84	.....	.....	1887-88.....	22 64	18 98	25 07
1878-79.....	21 59	.....	.....	1888-89.....	21 47	16 97	23 25
1879-80.....	35 04	\$31 90	\$48 83	1889-90.....	21 69	17 65	23 47
1880-81.....	26 91	23 67	39 30	1890-91.....	21 18	16 35	22 53

SALES OF PIG IRON.

Annual sales of Pig Iron, at Cincinnati, and approximate value of the same, for years ending August 31:

YEARS.	Tons Sold.	Value.	YEARS.	Tons Sold.	Value.
1875-76.....	137,600	\$3,463,000	1883-84.....	427,900	\$9,307,000
1876-77.....	129,200	3,119,000	1884-85.....	407,000	7,668,000
1877-78.....	125,900	2,876,000	1885-86.....	511,400	9,737,000
1878-79.....	212,300	4,583,000	1886-87.....	667,800	14,514,000
1879-80.....	248,500	8,708,000	1887-88.....	672,700	13,563,000
1880-81.....	334,700	9,007,000	1888-89.....	740,700	13,465,000
1881-82.....	386,500	10,698,000	1889-90.....	820,100	15,376,000
1882-83.....	417,600	10,061,000	1890-91.....	948,400	17,753,000

NOTE.—Sales include quantities shipped direct, without appearing in Cincinnati receipts.

LEAF TOBACCO TRADE.

Monthly receipts, offerings, rejections and sales of Leaf Tobacco, in hogsheads, and annual business in cases, at the Cincinnati warehouses, during three years:

MONTHS.	RECEIPTS.			OFFERINGS.			REJECTIONS.			SALES.		
	1890-91	1889-90	1888-89	1890-91	1889-90	1888-89	1890-91	1889-90	1888-89	1890-91	1889-90	1888-89
September.....	10,992	11,324	2,382	10,559	9,375	3,821	3,448	3,614	1,315	7,111	5,761	2,506
October.....	5,873	5,456	1,134	12,091	9,608	4,684	3,707	3,404	1,648	8,984	6,204	3,076
November.....	3,910	3,542	1,003	7,445	7,560	4,116	2,826	3,021	1,281	5,819	4,539	2,865
December.....	3,146	2,914	1,214	7,346	5,401	2,876	2,031	1,744	1,031	5,315	3,656	1,845
January.....	4,432	2,883	3,362	10,381	8,131	6,996	3,043	2,663	2,232	7,338	5,438	4,766
February.....	6,966	5,022	5,392	10,138	10,685	8,914	3,719	3,919	2,276	6,728	6,736	6,638
March.....	5,474	4,930	7,963	10,642	9,122	11,019	3,381	2,613	3,145	7,262	6,479	7,874
April.....	4,809	6,782	4,216	10,748	12,200	7,749	3,077	3,881	2,158	7,671	8,319	5,591
May.....	3,933	5,635	5,824	7,951	9,673	8,256	2,250	2,861	1,964	5,701	6,802	6,292
June.....	10,102	6,839	11,211	10,324	8,218	9,476	3,319	2,418	2,914	7,005	5,800	6,532
July.....	9,441	7,531	13,789	9,417	9,853	11,336	3,228	2,265	3,412	6,180	7,318	7,924
August.....	11,725	12,387	14,938	9,561	11,377	10,971	3,119	3,126	3,361	6,442	8,251	7,610
Total hhd.s..	86,883	75,315	72,618	118,703	111,192	90,246	37,139	35,619	26,727	81,565	75,303	63,519
Total cases..	2,354	1,950	3,915	3,396	3,300	5,125	2,430	1,350	1,435	916	2,110	3,690

Total annual receipts, offerings, rejections and sales of Leaf Tobacco, at the Cincinnati warehouses, for years indicated, ending August 31:

YEARS.	RECEIPTS.		OFFERINGS.		REJECTIONS.		SALES.	
	Hhds.	Cases.	Hhds.	Cases.	Hhds.	Cases.	Hhds.	Cases.
1872-73.....	35,482	8,874	41,609	10,024	7,061	2,356	34,548	7,668
1873-74.....	38,043	6,843	40,669	8,063	6,633	1,906	34,036	6,157
1874-75.....	23,663	8,915	29,369	9,260	6,427	2,188	24,242	7,965
1875-76.....	30,439	6,481	34,982	9,837	7,610	2,366	27,573	7,651
1876-77.....	34,133	8,123	41,956	10,097	8,522	2,132	34,743	8,240
1877-78.....	39,622	6,970	51,142	9,171	11,192	2,540	40,140	6,727
1878-79.....	35,511	4,932	38,999	5,272	6,721	1,598	33,149	3,811
1879-80.....	43,992	5,363	51,050	7,351	14,241	2,457	37,403	5,162
1880-81.....	50,964	*	67,520	*	17,071	*	50,631	*
1881-82.....	55,426	8,436	62,017	8,657	16,322	2,162	46,437	6,495
1882-83.....	56,743	8,000	83,003	7,752	24,116	2,245	58,941	5,682
1883-84.....	52,280	4,243	69,761	4,513	18,116	868	51,645	3,641
1884-85.....	62,243	3,497	79,968	3,106	20,549	479	59,419	2,627
1885-86.....	58,633	*	73,294	3,067	19,784	751	53,510	2,316
1886-87.....	60,769	*	76,369	4,140	15,096	915	61,363	3,525
1887-88.....	34,269	3,801	47,167	4,091	10,396	982	36,251	3,109
1888-89.....	72,618	3,915	90,246	5,125	26,727	1,435	63,519	3,690
1889-90.....	75,315	1,950	111,192	3,360	35,619	1,350	75,303	2,110
1890-91.....	80,883	2,354	118,703	3,396	37,139	2,430	81,565	916

* Not reported.

Stocks of Leaf Tobacco in Cincinnati warehouses, September 1:

PACKAGES.	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882
Hogsheads.....	21,732	23,827	27,044	14,080	20,390	19,219	16,926	16,075	14,455	18,219
Cases.....	234	610	330	567	287	427	106	88	1,107	1,224

MOVEMENT OF TOBACCO.

Yearly movement of Leaf and Manufactured Tobacco, at Cincinnati:

RECEIPTS.				SHIPMENTS.			RECEIPTS.				SHIPMENTS.		
YEARS.	Leaf.		Manufactured packages.	Leaf.		Manufactured packages.	YEARS.	Leaf.		Manufactured packages.	Leaf.		Manufactured packages.
	Hhds.	Cases and bales.		Hhds.	Cases and bales.			Hhds.	Cases and bales.		Hhds.	Cases and bales.	
1845-46.	6,078	655	6,918	3,803	....	1,473	1868-69.	39,978	4,753	26,545	36,810	6,143	36,862
1846-47	6,200	822	9,241	6,011	273	9,718	1869-70.	46,563	9,961	53,961	42,538	6,199	88,149
1847-48.	4,051	1,223	14,815	3,812	123	9,352	1870-71.	56,283	9,083	61,497	50,541	2,493	110,652
1848-49.	3,471	1,311	22,463	3,309	126	7,497	1871-72.	45,877	11,176	59,535	39,566	1,738	146,771
1849-50.	2,213	877	17,772	4,847	77	6,904	1872-73.	61,876	5,278	89,650	59,169	4,897	174,749
1850-51.	3,701	1,697	19,945	2,865	106	18,345	1873-74.	73,093	4,253	123,714	66,094	4,365	255,210
1851-52.	11,460	1,996	23,060	10,821	629	24,761	1874-75.	45,234	10,915	114,925	43,249	8,776	217,392
1852-53.	7,881	2,478	48,201	6,902	1,341	31,867	1875-76.	61,338	13,230	150,336	59,103	12,245	297,960
1853-54.	8,744	3,118	30,235	9,353	3,370	30,741	1876-77.	71,217	17,423	190,445	68,759	11,700	305,148
1854-55.	5,209	2,312	24,802	4,968	3,307	26,077	1877-78.	88,280	16,970	195,572	85,049	9,984	422,661
1855-56.	5,702	2,129	33,924	5,005	3,075	27,745	1878-79.	78,137	15,932	263,707	69,220	8,477	531,705
1856-57.	4,837	2,663	40,994	4,054	5,823	34,298	1879-80.	88,965	17,813	268,316	79,101	12,363	496,094
1857-58.	4,476	4,603	33,745	4,588	5,798	32,279	1880-81.	100,626	20,770	228,432	91,413	12,974	414,831
1858-59.	5,328	6,871	56,330	4,493	5,598	45,030	1881-82.	81,519	29,113	279,625	74,764	13,184	389,336
1859-60.	6,261	7,239	49,552	6,124	4,074	49,882	1882-83.	90,150	24,170	264,141	90,720	13,252	369,448
1860-61.	14,148	7,001	35,435	14,232	3,971	42,141	1883-84.	95,495	25,322	196,753	90,895	15,463	350,948
1861-62.	31,914	13,147	37,813	27,955	7,928	75,968	1884-85.	114,780	19,488	213,606	110,134	10,328	335,058
1862-63.	33,261	6,981	31,683	29,736	6,492	65,457	1885-86.	108,341	22,336	253,536	101,447	10,623	313,614
1863-64.	53,769	14,669	50,063	48,277	22,263	82,081	1886-87.	106,280	26,559	357,312	96,595	14,179	392,608
1864-65.	54,359	7,447	22,807	51,869	12,971	45,955	1887-88.	75,217	20,232	486,325	77,896	9,128	388,353
1865-66.	43,943	7,754	39,496	40,665	10,776	51,292	1888-89.	98,365	21,177	531,840	92,806	11,760	350,610
1866-67.	64,350	424	37,796	57,069	13,493	45,587	1889-90.	114,331	27,007	518,136	109,048	13,078	369,338
1867-68.	42,892	3,636	24,607	37,502	9,068	36,280	1890-91.	124,760	25,571	381,287	126,458	12,803	363,442

TOTAL TOBACCO MANUFACTURE.

Quantity of Chewing and Smoking Tobacco, respectively, manufactured in Cincinnati, Covington and Newport, and in the three cities:

YEARS.	CHEWING TOBACCO.			SMOKING TOBACCO.		
	CINCINNATI.	COVINGTON AND NEWPORT.	TOTAL.	CINCINNATI.	COVINGTON AND NEWPORT.	TOTAL.
	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.
1874-75	2,950,327	1,343,175½	4,293,502½	2,034,464	°	.....
1875-76	3,102,591½	1,923,353½	5,025,945½	1,932,355½	°	.....
1876-77	2,815,681½	2,098,658	4,914,339½	1,698,208½	°	.....
1877-78	2,480,541½	1,826,581½	4,307,129	1,878,351½	268,675½	2,147,027½
1878-79	2,065,220	2,516,901½	4,582,121½	1,885,096	399,063½	2,284,159½
1879-80	2,590,800	2,679,271½	5,270,071½	1,601,363	341,074	1,942,437
1880-81	2,333,983½	2,348,176	4,682,160	1,630,017½	591,465	2,221,482½
1881-82	1,794,414½	2,637,901	4,432,315½	1,548,288½	515,862	2,064,150½
1882-83	853,523½	3,077,337	3,930,860½	910,938½	896,806½	1,777,745½
1883-84	1,180,044½	3,529,091	4,709,135½	874,013½	613,692	1,487,705½
1884-85	834,817½	3,686,577½	4,521,395½	900,899½	297,290½	1,198,190
1885-86	744,831	15,442,683½	4,187,534½	849,458	1330,947	1,180,405
1886-87	563,682½	12,598,827½	3,162,510	788,313½	1249,827	1,038,140½
1887-88	273,942½	12,033,516	2,307,458½	780,328½	1195,484	975,812
1888-89	241,210½	11,417,587	1,638,827½	870,165½	1140,201	1,010,366½
1889-90	59,321½	11,207,822	1,267,146½	886,912½	1119,456	1,006,368½
1890-91	77,418½	11,584,749	1,662,167½	864,223½	1156,733	1,020,956½

* Not reported in the records of the Chamber of Commerce.

† Approximate production based on actual production of Chewing and Smoking Tobacco combined, and on the relation which the two kinds sustained to each other in the calendar year.

MONTHLY TOBACCO MANUFACTURE.

Monthly production of Chewing (fine-cut and plug) and Smoking Tobacco, in this (Hamilton) County, and the tax paid the Government on the same, furnished by Col. D. W. McCLUNG, Collector of Internal Revenue in the First Collection District of Ohio:

MONTHS.	CHEWING (FINE-CUT AND PLUG) TOBACCO.				SMOKING TOBACCO.			
	1890-91		1889-90		1890-91		1889-90	
	Pounds.	Value of Stamps.	Pounds.	Value of Stamps.	Pounds.	Value of Stamps.	Pounds.	Value of Stamps.
August.....	7,838	\$627 04	6,691½	\$535 32	59,796½	\$4,783 70	91,199	\$7,295 92
September.....	5,933	474 64	4,761	380 88	73,848½	5,907 90	87,140½	6,971 26
October.....	5,325	426 00	5,923	473 84	66,151¼	5,292 34	91,488½	7,319 08
November.....	3,785	302 80	5,235	418 80	59,160¼	4,732 82	82,231½	6,578 54
December.....	3,193	255 44	3,122	249 76	65,095½	5,207 63	66,380½	5,308 84
January.....	8,796	527 76	4,802	384 16	91,105	5,466 30	75,612½	6,049 00
February.....	3,908	234 48	4,254	340 32	68,517½	4,111 05	66,222½	5,298 30
March.....	6,352	381 12	3,718	297 44	75,873½	4,552 41	62,457	4,996 56
April.....	5,602	336 12	4,729	378 32	70,032½	4,201 95	66,611¼	5,328 90
May.....	8,352	501 12	5,250	420 72	71,637½	4,208 25	69,812½	5,585 00
June.....	8,793	527 58	6,028	482 24	77,140	4,628 40	61,211½	4,896 95
July.....	9,541½	572 49	4,802	384 16	85,863	5,151 78	66,554½	5,324 68
Totals.....	77,418½	\$5,166 59	59,324½	\$4,745 96	864,223½	\$58,334 53	886,912½	\$70,953 03

Monthly production of Chewing (fine-cut and plug) and Smoking Tobacco, in Covington and Newport, and the taxes paid on the same, furnished by the Commissioner of Internal Revenue:

MONTHS.	CHEWING AND SMOKING TOBACCO.							
	1890-91		1889-90		1888-89		1887-88	
	Pounds.	Value of Stamps.	Pounds.	Value of Stamps.	Pounds.	Value of Stamps.	Pounds.	Value of Stamps.
August.....	129,869	\$10,389 54	145,344	\$11,627 52	157,274	\$12,581 92	306,710	\$24,536 80
September.....	162,748	13,019 88	126,469	10,117 52	132,884	10,630 72	244,830	19,586 40
October.....	162,907	13,082 52	143,062	11,444 96	156,909	12,552 72	263,668	21,083 44
November.....	123,177	9,854 20	100,270	8,021 60	135,837	10,866 96	231,705	18,536 40
December.....	121,044	9,683 48	83,274	6,661 92	101,184	8,094 72	213,374	17,069 92
January.....	143,009	8,580 57	85,930	6,874 40	113,859	9,108 72	154,543	12,363 44
February.....	139,087	8,348 64	92,901	7,432 08	100,874	8,069 92	138,572	11,085 76
March.....	143,227	8,593 02	131,466	10,517 28	140,881	11,270 48	129,794	10,383 52
April.....	151,386	9,083 16	144,340	11,547 20	142,965	11,437 20	127,048	10,163 84
May.....	144,019	8,641 17	149,434	11,954 72	139,520	11,161 60	131,038	10,483 04
June.....	166,533	9,991 95	.....	.....	110,981	8,878 48	134,325	10,794 00
July.....	154,476	9,268 53	124,788	9,983 04	124,620	9,969 60	152,793	12,223 44
Totals.....	1,741,482	\$118,487 26	1,327,278	\$106,182 24	1,557,788	\$124,623 04	2,229,000	\$178,320 00

TOBACCO EXPORTS.

Exports of Leaf Tobacco, representing pounds, in years ending June 30:

1891.....	236,970,000	1888.....	249,195,000	1885.....	219,221,000	1882.....	223,666,000
1890.....	244,343,000	1887.....	293,667,000	1884.....	192,131,000	1881.....	227,026,000
1889.....	211,521,000	1886.....	281,737,000	1883.....	235,628,000	1880.....	215,910,000

PRODUCTION OF CIGARS.

Monthly production of Cigars in Cincinnati (including Hamilton County, Ohio), and in Covington, Newport, etc., Kentucky, as indicated by taxes paid; also, amount of taxes paid:

MONTHS.	CINCINNATI.				COVINGTON, NEWPORT, ETC.			
	1890-91		1889-90		1890-91		1889-90	
	Number of Cigars.	Value of Stamps.	Number of Cigars.	Value of Stamps.	Number of Cigars.	Value of Stamps.	Number of Cigars.	Value of Stamps.
August.....	10,512,510	\$31,536 45	10,038,650	\$30,115 95	562,700	\$1,688 10	584,650	\$1,753 95
September.....	10,821,800	32,465 40	9,662,900	28,988 70	623,800	1,871 40	590,950	1,742 85
October.....	12,152,410	35,457 25	10,307,600	30,922 80	611,300	1,833 90	576,700	1,730 10
November.....	10,710,400	32,131 20	9,399,650	28,198 95	531,800	1,592 40	492,000	1,476 00
December.....	11,488,300	34,464 90	9,990,750	29,972 25	581,100	1,743 30	549,050	1,647 15
January.....	9,250,150	27,750 45	7,982,850	23,948 55	500,600	1,501 80	470,050	1,410 15
February.....	9,267,300	27,801 60	8,696,050	26,088 15	415,750	1,247 25	445,500	1,336 50
March.....	9,922,900	29,768 70	9,620,550	28,861 65	463,790	1,391 37	484,200	1,482 60
April.....	10,063,250	30,189 75	9,186,600	27,559 80	554,050	1,662 15	506,600	1,519 80
May.....	9,490,030	28,470 11	9,996,850	29,990 55	536,000	1,668 00	559,760	1,679 28
June.....	10,226,940	30,680 82	9,120,450	27,361 35	633,450	1,900 35	3,763,857	11,291 57
July.....	10,536,740	31,610 24	9,867,100	29,601 30	576,750	1,730 25	574,050	1,722 15
Totals.....	124,442,630	\$373,326 87	112,870,000	\$338,610 00	6,610,090	\$19,830 27	9,597,367	\$28,792 10

NOTE.—During the year ending July 31, 1891, there were made in Cincinnati (including Hamilton County) 7,068,700 Cigarettes, on which \$3,534 25 taxes were paid.

Number of Cigars manufactured in Cincinnati, and Covington, Newport, etc., respectively, and the whole number in each year, for years indicated:

YEARS.	CINCINNATI.	COVINGTON, NEWPORT, ETC.	TOTAL.
1872-73.....	81,155,824	9,051,900	90,207,724
1873-74.....	83,133,400	9,166,900	92,300,300
1874-75.....	84,524,060	8,532,175	93,056,235
1875-76.....	80,732,350	10,307,375	91,039,725
1876-77.....	80,399,475	8,392,900	88,792,375
1877-78.....	94,515,600	8,504,675	103,020,275
1878-79.....	89,080,150	8,235,650	97,315,800
1879-80.....	105,822,600	8,658,525	114,481,125
1880-81.....	109,794,150	8,302,950	118,097,100
1881-82.....	115,556,000	9,597,450	125,153,450
1882-83.....	115,937,175	10,334,085	126,271,260
1883-84.....	96,632,750	10,752,000	107,384,750
1884-85.....	78,225,600	7,849,950	86,075,550
1885-86.....	94,110,300	7,019,450	101,129,750
1886-87.....	109,073,650	7,163,450	116,237,100
1887-88.....	113,534,500	6,237,623	119,772,123
1888-89.....	106,609,550	6,892,110	113,501,660
1889-90.....	112,870,000	9,597,367	122,467,367
1890-91.....	124,442,630	6,610,090	131,052,720

VALUE OF TOBACCO EXPORTS.

Value of Leaf Tobacco Exported, in years indicated, ending June 30:

1891.....\$20,711,000	1888.....\$21,936,000	1885.....\$21,799,000	1882.....\$19,068,000
1890.....21,479,000	1887.....25,638,000	1884.....17,405,000	1881.....18,737,000
1889.....18,901,000	1886.....26,926,000	1883.....19,438,000	1880.....16,379,000

PRODUCTION OF DISTILLED SPIRITS.

Statement of actual monthly production of Distilled Spirits, in Hamilton County, Ohio (Cincinnati), and Covington, Newport, etc., Kentucky, in three years, ending July 31:

MONTHS.	DISTILLED SPIRITS PRODUCED.					
	HAMILTON COUNTY, OHIO (CINCINNATI).			COVINGTON, NEWPORT, ETC.		
	1890-91	1889-90	1888-89	1890-91	1889-90	1888-89
	Proof Gallons.	Proof Gallons.	Proof Gallons.	Proof Gallons.	Proof Gallons.	Proof Gallons.
August.....	625,211.29	361,917.40	401,701.51	.....	147,400.24	4,886.55
September.....	750,863.37	489,221.94	577,173.06	.....	185,920.27	46,169.45
October.....	830,396.90	754,302.40	782,754.15	111,030.04	260,430.91	187,495.76
November.....	791,594.44	759,749.40	820,411.72	333,110.95	426,755.08	259,148.17
December.....	833,852.37	730,578.96	797,087.69	358,813.93	412,053.51	347,904.42
January.....	834,795.12	701,502.37	788,879.81	339,474.81	399,558.36	347,092.13
February.....	625,243.66	623,164.52	691,675.88	317,191.51	363,239.40	322,685.86
March.....	687,389.87	617,063.04	576,247.51	358,233.70	389,221.96	336,913.90
April.....	616,499.50	607,173.34	529,174.39	353,921.47	392,672.63	415,732.39
May.....	527,143.82	708,495.29	562,833.86	356,785.25	410,682.82	431,068.17
June.....	304,968.62	724,711.63	457,219.54	108,536.17	299,092.20	388,195.04
July.....	396,746.43	659,397.41	402,111.09	.....	66,522.75	241,095.62
Totals.....	7,824,705.39	7,827,277.70	7,387,300.21	2,637,200.83	3,753,610.13	3,328,387.46

PRODUCTION OF RECTIFIED SPIRITS.

Statement of the number of proof gallons of Spirits Rectified monthly, at Cincinnati, Covington and Newport, in three years, ending July 31.

MONTHS.	CINCINNATI.			COVINGTON AND NEWPORT.		
	1890-91	1889-90	1888-89	1890-91	1889-90	1888-89
	Proof Gallons.	Proof Gallons.	Proof Gallons.	Proof Gallons.	Proof Gallons.	Proof Gallons.
	Proof Gallons.	Proof Gallons.	Proof Gallons.	Proof Gallons.	Proof Gallons.	Proof Gallons.
August.....	816,514.72	773,898.55	824,663.06	285,677	271,986	237,892
September.....	835,529.71	854,416.10	836,834.31	328,325	311,857	259,767
October.....	955,377.51	954,028.94	1,045,043.20	331,045	347,437	305,774
November.....	886,914.91	915,517.36	921,053.61	332,382	333,829	306,559
December.....	971,400.17	889,789.62	824,334.46	339,278	341,416	230,307
January.....	836,035.63	725,092.58	1,031,124.82	314,612	277,346	417,037
February.....	733,257.09	701,297.93	780,665.95	260,167	271,189	284,160
March.....	795,523.14	708,772.75	698,763.54	338,872	280,124	278,315
April.....	663,403.65	727,542.37	671,350.76	279,497	286,153	269,252
May.....	621,745.25	758,807.40	303,750.12	263,010	271,000	273,250
June.....	619,646.04	623,565.95	599,533.52	258,631	313,578	230,934
July.....	648,419.96	646,604.18	699,266.83	245,705	380,886	269,393
Totals.....	9,343,797.81	9,279,243.73	9,239,304.18	3,587,504	3,696,801	3,362,840

COMPARATIVE PRODUCTION OF SPIRITS.

Statement of comparative production of Distilled Spirits, at Cincinnati, Ohio, and Covington, Newport, etc., Kentucky, in a series of years:

YEARS.	CINCINNATI.	COVINGTON, NEWPORT, ETC.	TOTAL.
	Proof Gallons.	Proof Gallons.	Proof Gallons.
1875-76.....	8,517,836.68	1,852,400.00	10,370,236.68
1876-77.....	8,453,611.68	2,272,491.82	10,726,103.50
1877-78.....	8,506,963.71	2,319,723.55	10,826,687.26
1878-79.....	10,423,551.21	2,261,371.59	12,684,922.80
1879-80.....	11,783,270.70	3,144,304.97	14,927,575.67
1880-81.....	12,376,915.68	3,430,983.15	15,807,898.83
1881-82.....	11,207,820.77	3,908,772.98	15,116,593.75
1882-83.....	10,411,039.95	2,223,461.09	12,634,501.04
1883-84.....	9,904,116.68	2,059,585.09	11,963,701.77
1884-85.....	8,267,718.03	3,029,980.42	11,297,698.45
1885-86.....	8,259,910.60	3,317,236.84	11,577,147.44
1886-87.....	7,309,820.64	4,335,617.22	11,645,437.86
1887-88.....	7,463,101.69	3,681,006.23	11,144,107.92
1888-89.....	7,387,300.21	3,328,387.46	10,715,687.67
1889-90.....	7,827,277.70	3,753,610.13	11,580,887.83
1890-91.....	7,824,705.39	2,637,200.83	10,461,906.22

ANNUAL PRICE OF SPIRITS.

Average annual price of Proof Spirits, per gallon, at Cincinnati:

1855-56.....\$0 21.40	1864-65.....\$2 01	1873-74.....\$0 92.80	1882-83.....\$1 13.80
1856-57.....25.70	1865-66.....2 24.50	1874-75.....1 04.40	1883-84.....1 11.72
1857-58.....17.60	1866-67 (in bond) 29.50	1875-76.....1 09	1884-85.....1 11.94
1858-59.....23.25	1867-68.....nominal	1876-77.....1 06.60	1885-86.....1 08.35
1859-60.....20	1868-69.....1 01	1877-78.....1 04.40	1886-87.....1 10.17
1860-61.....14.40	1869-70.....98.50	1878-79.....1 03.50	1887-88.....1 08.85
1861-62.....18.25	1870-71.....87.25	1879-80.....1 06.43	1888-89.....1 06.21
1862-63.....37.60	1871-72.....87.62	1880-81.....1 08.06	1889-90.....1 04.30
1863-64.....1 02.50	1872-73.....88.75	1881-82.....1 14.97	1890-91.....1 15.05

NOTE.—In order to understand these averages, with the great disparity which is apparent, it must be remembered that, from September, 1862, to the present time, internal revenue taxes have been imposed by the General Government, ranging from twenty cents to two dollars per gallon. By an act of Congress of July 20, 1868, the tax was reduced from two dollars per gallon to fifty cents. Additional charges were provided for by the act for the reduction of the gallon tax, which, according to figures heretofore given, made the whole tax on a gallon of whisky here about 63.47 cents. The law was again changed, so that on and after August 1, 1872, there was a uniform tax of seventy cents per gallon, which was all the tax that was imposed, excepting a stamp of the denomination of ten cents, which had to be placed on each barrel when gauged. On March 4, 1875, a new act went into operation, changing the uniform tax from seventy to ninety cents per gallon, and making it necessary, as before, to have a stamp of the denomination of ten cents on each barrel, the barrel tax of ten cents having continued until May 28, 1880, when it was abolished.

ALCOHOL IN LIQUORS, ETC.

Average percentage of Alcohol in Wines and Liquors, by volume:

Beer.....4.0	Claret.....13.3	Port.....23.2	Irish Whisky.....53.9
Porter.....4.5	Burgundy.....13.6	Chartreuse.....43.0	Bourbon Whisky.....54.0
Ale.....7.4	Sherry.....19.0	Gin.....51.6	Rye Whisky.....54.0
Rhine.....11.0	Vermuth.....19.0	Brandy.....53.4	Scotch Whisky.....54.3
Champagne.....12.2	Madeira.....21.0	Rum.....53.7	"Proof Spirits".....57.1

MOVEMENT OF WHISKY.

Actual monthly receipts and shipments of Whisky, at Cincinnati, including receipts from Petersburg and Carrollton, Kentucky:

MONTHS.	RECEIPTS.			SHIPMENTS.		
	1890-91	1889-90	1888-89	1890-91	1889-90	1888-89
September.....	20,823	25,886	20,008	43,695	39,801	33,067
October.....	27,225	24,929	24,624	53,462	43,629	46,107
November.....	22,171	24,776	22,746	45,344	45,208	42,537
December.....	25,896	22,624	20,943	48,700	43,472	40,412
January.....	20,943	17,662	28,785	42,222	36,000	47,497
February.....	19,041	22,138	24,034	36,030	36,274	34,691
March.....	36,497	18,749	27,789	54,620	37,171	41,785
April.....	22,207	24,710	22,217	38,693	39,271	35,600
May.....	24,019	23,860	35,110	37,843	42,308	39,419
June.....	21,328	20,260	18,669	35,179	36,348	34,490
July.....	18,789	20,198	23,327	31,457	33,222	32,478
August.....	33,063	23,268	26,495	44,803	40,974	35,914

Receipts and shipments of Whisky, at Cincinnati, years ending August 31:

YEARS.	Receipts, bbls.	Shipm'ts, bbls.	YEARS.	Receipts, bbls.	Shipm'ts, bbls.	YEARS.	Receipts, bbls.	Shipm'ts, bbls.
1861-62.....	429,936	238,316	1871-72.....	316,041	395,764	1881-82.....	201,197	474,436
1862-63.....	462,007	462,007	1872-73.....	273,848	369,902	1882-83.....	217,644	465,633
1863-64.....	319,068	210,410	1873-74.....	338,631	335,684	1883-84.....	272,316	506,309
1864-65.....	70,799	114,769	1874-75.....	305,324	347,423	1884-85.....	222,414	453,446
1865-66.....	172,768	152,283	1875-76.....	295,012	329,021	1885-86.....	201,332	446,864
1866-67.....	216,384	166,480	1876-77.....	320,877	300,684	1886-87.....	187,265	434,960
1867-68.....	139,896	83,638	1877-78.....	119,639	351,473	1887-88.....	227,135	447,162
1868-69.....	263,524	280,510	1878-79.....	139,262	397,616	1888-89.....	268,528	476,469
1869-70.....	444,291	441,820	1879-80.....	154,819	456,403	1889-90.....	245,541	486,258
1870-71.....	313,072	375,699	1880-81.....	191,232	469,464	1890-91.....	292,009	524,126

NOTE.—From 1877-78 to 1890-91 the receipts do not include Whisky manufactured in Hamilton County, Covington, etc., which was previously embraced.

Aggregate yearly production and receipts of Whisky, at Cincinnati, stated in gallons, and value of the same, for years indicated:

YEARS.	Made and Received.	Total Value.	YEARS.	Made and Received.	Total Value.
1879-80.....	22,523,310	\$26,490,226	1885-86.....	20,484,420	\$24,017,436
1880-81.....	24,874,994	29,959,310	1886-87.....	19,932,813	23,625,144
1881-82.....	24,433,253	30,972,341	1887-88.....	21,375,182	25,332,764
1882-83.....	22,725,351	28,069,227	1888-89.....	23,619,447	26,734,568
1883-84.....	24,403,233	28,752,305	1889-90.....	23,450,232	26,166,496
1884-85.....	21,265,042	25,828,807	1890-91.....	24,478,338	29,863,572

Total production of Distilled Spirits in the United States, in gallons:

1890-91.....	117,186,000	1887-88.....	71,688,000	1884-85.....	76,405,000	1881-82.....	107,283,000
1889-90.....	111,102,000	1886-87.....	79,433,000	1883-84.....	76,531,000	1880-81.....	119,528,000
1888-89.....	91,133,000	1885-86.....	81,849,000	1882-83.....	75,294,000	1879-80.....	91,378,000

CHANGES IN PRICES OF SPIRITS.

Changes in the price of Highwines, per proof gallon, 1880-81 to 1885-86, inclusive, and changes in basis price of Spirits, 1887-88 to 1890-91, inclusive, at Cincinnati:

1880-81	1880-81—Con.	1881-82—Con.	1885-86
September 1.....\$1 12	August 27.....\$1 14	August 8.....\$1 14	September 9.....\$1 04
23..... 1 10		9..... 1 15	10..... 1 06
24..... 1 07		10..... 1 16	18..... 1 03
25..... 1 09	1881-82	17..... 1 17	22..... 1 04
October 26..... 1 08	September 1..... 1 14	31..... 1 18	23..... 1 03
November 11..... 1 07	10..... 1 13		24..... 1 05
15..... 1 08	12..... 1 12½	1882-83	26..... 1 04
16..... 1 09	14..... 1 13	September 1..... 1 18	28..... 1 05
19..... 1 10	15..... 1 14	7..... 1 17	October 21..... 1 07
20..... 1 11	14..... 1 15	27..... 1 16	30..... 1 09
December 1..... 1 12	15..... 1 13	October 7..... 1 15	December 18..... 1 10
8..... 1 11	28..... 1 12	11..... 1 16	July 2..... 1 03
14..... 1 10	29..... 1 11	12..... 1 17	August 10..... 1 07
January 19..... 1 08	November 3..... 1 12	2..... 1 13	31..... 1 10
24..... 1 07	5..... 1 11	3..... 1 12	
26..... 1 06	7..... 1 10	6..... 1 13	1886-87
28..... 1 05	8..... 1 09	7..... 1 14	September 7..... 1 10
February 1..... 1 06	10..... 1 08	22..... 1 15	22..... 1 12
17..... 1 05	15..... 1 10	December 8..... 1 14	October 1..... 1 13
19..... 1 04	19..... 1 11	9..... 1 13	May 5..... 1 05
23..... 1 06	21..... 1 12	11..... 1 10	
24..... 1 07	22..... 1 13	13..... 1 12	1887-88
March 2..... 1 08	26..... 1 14	20..... 1 13	October 22..... 1 05
8..... 1 06	28..... 1 15	February 19..... 1 14	January 25..... 1 08
9..... 1 05	January 12..... 1 16	March 27..... 1 12	February 4..... 1 09
11..... 1 05	February 16..... 1 16	30..... 1 13	May 8..... 1 11
14..... 1 06	April 1..... 1 17		11..... 1 12
17..... 1 05	May 1..... 1 18	1883-84	19..... 1 13
19..... 1 04	6..... 1 16	September 1..... 1 13	June 2..... 1 14
21..... 1 05	8..... 1 15	January 4..... 1 14	
24..... 1 06	9..... 1 12	February 20..... 1 15	1888-89
April 6..... 1 05	12..... 1 14	April 18..... 1 12	December 29..... 1 03
7..... 1 04	13..... 1 16	19..... 1 05	April 20..... 1 02
9..... 1 05	16..... 1 14	22..... 1 10	
13..... 1 06	25..... 1 15	25..... 1 11	1889-90
18..... 1 05	31..... 1 16	22..... 1 01	May 24..... 1 09
21..... 1 01	June 3..... 1 15	23..... 1 08	July 12..... 1 10
22..... 1 05	5..... 1 13	June 2..... 1 07	28..... 1 11
May 2..... 1 04	9..... 1 14	3..... 1 11	29..... 1 12
6..... 1 05	10..... 1 15	6..... 1 08	August 7..... 1 13
9..... 1 06	12..... 1 14	7..... 1 07	
14..... 1 05	17..... 1 12	18..... 1 08	1890-91
16..... 1 04	20..... 1 11	19..... 1 07	October 21..... 1 14
25..... 1 05	21..... 1 12	7..... 1 08	March 11..... 1 15
June 6..... 1 06	22..... 1 13	9..... 1 07	13..... 1 16
21..... 1 07	24..... 1 12	26..... 1 05	April 17..... 1 18
24..... 1 08	27..... 1 13	28..... 1 06	27..... 1 17
July 21..... 1 07	30..... 1 12	August 6..... 1 07	May 19..... 1 16
25..... 1 09	July 8..... 1 13		July 29..... 1 17
29..... 1 07	11..... 1 14		August 18..... 1 18
August 30..... 1 08	18..... 1 15		
8..... 1 03	21..... 1 16	1884-85	
9..... 1 10	31..... 1 15	September 1..... 1 10	
15..... 1 12	August 2..... 1 14	10..... 1 11	
16..... 1 14	5..... 1 13	January 28..... 1 13	
17..... 1 15			

REVENUE FROM SPIRITS.

United States Internal Revenue from Spirits, for years ending June 30:

1891.....\$43,336,000	1887.....\$65,766,000	1883.....\$74,368,000	1879.....\$52,570,000
1890..... 81,643,000	1886..... 69,092,000	1882..... 69,873,000	1878..... 50,421,000
1889..... 74,303,000	1885..... 67,511,000	1881..... 67,154,000	1877..... 57,469,000
1888..... 69,287,000	1884..... 76,905,000	1880..... 61,185,000	1876..... 56,426,000

PRODUCTION OF BEER, ETC.

Annual production of Malt Liquors, in Cincinnati, Ohio, and Covington, Newport, etc., Kentucky, for years indicated, ending July 31:

YEARS.	CINCINNATI.	COVINGTON, ETC.	TOTALS.	YEARS.	CINCINNATI.	COVINGTON, ETC.	TOTALS.
	Barrels.	Barrels.	Barrels.		Barrels.	Barrels.	Barrels.
1873-74.....	465,886	.....	.....	1882-83.....	813,953	60,860	874,813
1874-75.....	452,177	.....	.....	1883-84.....	850,605	67,040	917,645
1875-76.....	476,228	40,586	516,814	1884-85.....	841,822	71,590	913,412
1876-77.....	475,212	38,204	513,416	1885-86.....	901,299	77,340	978,639
1877-78.....	550,518	44,470	594,988	1886-87.....	1,041,731	83,150	1,124,881
1878-79.....	558,709	47,470	606,439	1887-88.....	1,080,176	86,228	1,166,404
1879-80.....	655,520	52,800	708,320	1888-89.....	1,034,593	86,330	1,120,923
1880-81.....	682,861	53,480	736,341	1889-90.....	1,187,208	100,570	1,287,778
1881-82.....	769,621	57,660	827,281	1890-91.....	1,263,778	115,830	1,379,608

Monthly sales of Beer Stamps, in Hamilton County, Ohio (Cincinnati), and Covington and Newport, Kentucky, during a period of three years. The tax on each barrel being \$1 00, less 7½ per cent., these figures will show about the relative monthly and annual production.

MONTHS.	CINCINNATI.			COVINGTON AND NEWPORT.		
	1890-91	1889-90	1888-89	1890-91	1889-90	1888-89
August.....	\$115,562 57	\$106,731 13	\$98,147 12	\$10,739 25	\$9,370 25	\$8,306 50
September.....	107,098 81	95,880 88	87,283 01	9,638 50	7,437 00	6,956 00
October.....	95,428 78	82,315 75	72,048 25	9,102 00	6,956 00	5,781 25
November.....	84,008 50	76,911 44	69,412 00	7,770 00	5,799 75	6,280 75
December.....	87,269 12	79,381 19	65,429 88	7,649 75	6,484 25	5,707 25
January.....	72,499 18	63,119 69	63,239 94	6,271 50	5,392 75	4,477 00
February.....	74,085 57	71,428 51	54,054 69	6,502 75	5,263 25	4,634 25
March.....	80,204 44	74,174 07	70,963 69	7,585 00	6,327 00	6,132 75
April.....	97,945 94	94,969 75	82,544 69	8,963 25	7,363 00	6,512 00
May.....	112,725 59	106,076 69	92,895 38	9,721 75	9,453 50	8,010 50
June.....	122,541 69	119,915 61	93,506 40	11,793 75	11,312 75	7,751 50
July.....	119,624 94	126,963 19	107,508 50	11,405 25	11,867 75	9,305 50
Totals.....	\$1,168,995 13	\$1,098,167 90	\$956,998 55	\$107,142 75	\$93,027 25	\$79,855 25

Relative prices of Ale, Beer and Porter, at Cincinnati, at the close of August:

ARTICLES.	1891	1890	1889	1888	1887	1886
Ale, per bbl.....	\$7 00@8 00	\$7 00@8 00	\$7 00@8 00	\$7 00@8 00	\$7 00@8 00	\$7 20@8 00
Beer, Lager, ".....	5 00@7 00	5 00@7 00	5 00@7 00	5 00@7 00	5 50@7 00	6 00@7 00
Porter, ".....	7 00@8 00	7 00@8 00	7 00@8 00	7 00@8 00	7 00@8 00	7 20@8 00

INTERNAL REVENUE COLLECTIONS.

Collections of Internal Revenue from all sources, at Cincinnati, for years indicated :

SOURCES.	1890-91	1889-90	1888-89	1887-88	1886-87
DISTILLED SPIRITS.					
Tax on Spirits, at 90 cents per gallon.....	\$7,225,947 00	\$6,945,780 90	\$5,490,243 20	\$6,406,915 70	\$6,345,366 80
Export Stamps.....	31 20	36 30	23 40		50
Totals.....	\$7,225,978 20	\$6,945,817 20	\$5,490,266 60	\$6,406,995 70	\$6,345,367 30
BEER.					
Tax on Beer (less 7½ per cent. discount allowed for sour Beer) at \$1 00 per bbl.	\$1,168,995 13	\$1,098,167 90	\$956,998 55	\$999,162 84	\$963,601 18
TOBACCO, CIGARS AND SNUFF.					
Tax on Smoking and Chewing Tobacco, Cigars and Snuff.....	\$441,553 96	\$419,265 04	\$414,172 82	\$431,881 89	\$437,950 91
SPECIAL TAXES (LICENSES), ETC.					
Rectifiers.....	\$12,341 66	\$9,966 66	\$10,266 66	\$10,341 68	\$10,033 34
Wholesale Liquor Dealers.....	19,811 66	18,488 00	18,083 83	16,975 00	17,300 00
Retail Liquor Dealers.....	109,235 84	96,218 75	93,651 42	95,627 09	76,831 25
Brewers.....	3,875 00	4,651 18	4,200 00	3,991 67	2,438 33
Still or Worms for distilling, manufactured	480 00	540 00	580 00	240 00	540 00
Manufacturers of Stills.....	204 16	75 10	75 00	141 67	75 00
Manufacturers of Cigars and Tobacco, dealers in Manufactured and Leaf Tobacco, and peddlers of Tobacco	5,404 57	27,235 07	26,257 51	25,629 28	17,109 55
Dealers in Oleomargarine.....	7,260 00	3,032 00	8,116 00	6,424 00	8,332 00
Totals.....	\$158,702 89	\$159,609 66	\$161,230 42	\$159,370 39	\$152,654 27
OTHER SOURCES.					
Tax collected from other sources.....	\$1,251 09	\$1,771 73	\$1,051 86	\$2,678 57	\$3,270 52
Tax, all sources.....	\$8,996,481 27	\$8,624,631 53	\$7,023,720 25	\$8,000,089 39	\$7,882,841 18

SHIPMENTS OF CANDLES AND SOAP.

Annual shipments of Candles and Soap, at Cincinnati, for years indicated :

YEARS.	CANDLES.	SOAP.	YEARS.	CANDLES.	SOAP.
	Boxes.	Boxes.		Boxes.	Boxes.
1861-62.....	345,997	113,687	1876-77.....	238,654	332,533
1862-63.....	263,912	76,005	1877-78.....	231,727	366,802
1863-64.....	217,412	63,078	1878-79.....	222,360	448,972
1864-65.....	214,509	59,810	1879-80.....	258,397	482,377
1865-66.....	219,134	82,890	1880-81.....	246,154	485,134
1866-67.....	319,255	98,805	1881-82.....	249,002	513,923
1867-68.....	278,450	105,358	1882-83.....	200,494	575,157
1868-69.....	302,193	128,283	1883-84.....	189,765	671,138
1869-70.....	273,122	128,262	1884-85.....	180,002	778,967
1870-71.....	274,358	137,434	1885-86.....	166,621	790,582
1871-72.....	249,949	152,243	1886-87.....	162,473	893,570
1872-73.....	296,130	183,573	1887-88.....	155,889	858,515
1873-74.....	263,123	220,053	1888-89.....	149,568	843,694
1874-75.....	282,690	239,312	1889-90.....	171,159	927,603
1875-76.....	265,844	271,636	1890-91.....	150,815	1,011,831

PRICES OF LUMBER.

Prices of Hard Lumber, per 1,000 feet, at Cincinnati, at the close of August, for years indicated:

KINDS.	1891	1890	1889	1888	1887	1886	1885
Ash.....	\$20 00@30 00	\$15 00@30 00	\$15 00@30 00	\$22 00@28 00	\$22 00@28 00	\$18 00@28 00	\$18 00@30 00
Cherry.....	25 00@40 00	20 00@40 00	20 00@40 00	35 00@55 00	30 00@60 00	25 00@60 00	25 00@70 00
Elm.....	12 00@20 00	12 00@20 00	12 00@20 00	15 00@20 00	15 00@20 00	15 00@22 00	15 00@18 00
Gum.....	12 00@22 00	12 00@22 00	12 00@22 00	15 00@22 00	15 00@22 00	15 00@22 00	15 00@22 00
Hickory.....	20 00@30 00	12 00@25 00	12 00@25 00	23 00@28 00	25 00@35 00	22 00@30 00	20 00@30 00
Oak, plain.....	16 00@25 00	12 00@25 00	12 00@25 00	20 00@27 00	18 00@27 00	18 00@27 00	16 00@25 00
Oak, quartered..	20 00@45 00	20 00@40 00	20 00@40 00				
Poplar.....	12 00@27 00	12 00@27 00	12 00@27 00	15 00@27 00	15 00@27 00	12 00@27 00	12 00@30 00
Sycamore.....	12 00@18 00	12 00@18 00	12 00@18 00	16 00@20 00	16 00@20 00	16 00@20 00	14 00@20 00
Walnut.....	30 00@90 00	25 00@90 00	25 00@90 00	35 00@75 00	30 00@80 00	30 00@75 00	30 00@75 00

Prices of the various grades of White and Yellow Pine Lumber, per 1,000 feet, large lots, at Cincinnati, at the close of August, as indicated:

KINDS.	1891	1890	KINDS.	1891	1890
<i>White Pine—</i>			<i>Yellow Pine, flooring—</i>		
First and second clear.....	\$52 50	\$52 50	First and second clear.....	\$25 00	\$25 00
Third clear.....	47 50	47 50	First standard.....	22 50	22 50
Selects.....	45 00	45 00	Second standard.....	20 00	20 00
First common.....	37 50	37 50	Common.....	18 00	18 00
Second common.....	32 50	32 50			
Shop.....	27 50	27 50	<i>Shingles—</i>		
Third common.....	22 50	20 00	XXXX Pine, 18 inches.....	4 00	4 00
Fourth common.....	20 00	16 50	Clear butt pine.....	3 25	3 50
Boxing.....	14 00	14 00	Cypress.....	4 00	4 00
Piece stuff, No. 1.....	17 50	16 50	Prime.....	3 50	3 75

RECEIPTS AND PRICES OF NAVAL STORES.

Receipts of the several articles of Naval Stores, at Cincinnati, for years indicated:

ARTICLES.	1890-91	1889-90	1888-89	1887-88	1886-87	1885-86	1884-85	1883-84	1882-83	1881-82	1880-81
Pitch, bbls.....	2,431	1,676	1,767	4,675	2,759	984	842	814	1,396	1,636	3,382
Rosin, bbls.....	70,873	75,341	40,361	55,370	59,364	61,754	49,738	51,347	63,417	47,615	41,184
Tar, bbls.....	1,372	3,275	3,863	5,655	3,485	4,574	3,567	4,709	3,615	3,197	3,527
Turpentine, bbls.....	24,621	28,051	22,804	21,703	19,800	16,743	13,155	13,205	11,352	8,979	9,944
Total.....	99,297	108,333	68,795	87,403	85,408	84,055	67,292	70,075	79,780	61,427	58,017

NOTE.—The price of Rosin, for 1890-91, ranged at \$1 80@2 25 per barrel for car lots, and \$1 90@2 35 for small lots from store; average, \$1 95 for car lots, \$2 07 for small lots. The price of Turpentine ranged at 37@44 cents per gallon; average, 41.06 cents. Average price for Turpentine:

1889-90.....	44.94	1886-87.....	37.93	1883-84.....	35.63
1888-89.....	45.46	1885-86.....	37.50	1882-83.....	47.59
1887-88.....	39.29	1884-85.....	33.24	1881-82.....	52.70

General average for ten years, 41.53.

PEANUT TRADE STATISTICS.

Monthly range of prices of Choice White Tennessee Peanuts, per pound, farmers' stock, at Cincinnati, in years ending September 30:

MONTHS.	1890-91	1889-90	1888-89	MONTHS.	1890-91	1889-90	1888-89
October.....	5 @8	6	3½ @3½	April.....	2½ @2½	6 @6½	6¼
November.....	3¼ @4½	5 @6	3½	May.....	2½ @3½	6¼ @7	6 @6¼
December.....	3¼ @4½	5 @6	3½	June.....	3 @3½	7 @7½	6
January.....	3 @3½	6	4½ @6½	July.....	2½ @3½	7½	6
February.....	2½ @3	6	6½ @6½	August.....	2½ @3½	7½ @7½	5 @6
March.....	2½ @3	6	6	September.....	2½ @3	7½ @8	5 @6

Yearly stocks, movement and consumption of Peanuts, at Cincinnati, for years ending September 30, according to reports of the *Cincinnati Price Current*:

STATEMENT.	1890-91	1889-90	1888-89	1887-88	1886-87	1885-86
Stock on hand October 1.....	5,000	83,000	224,875	357,825	459,700	485,153
Receipts.....	742,000	257,000	278,045	384,790	418,515	575,850
Shipments.....	380,000	300,000	340,000	434,605	441,400	382,435
Consumption.....	66,000	35,000	79,570	83,075	78,990	118,878
Stock on hand Sept. 30, 1891....	301,000	.....	.....	.....	.....	.....

Annual production of Peanuts in the United States, representing bushels, according to special investigations by the *Cincinnati Price Current*, and the estimated farm value of the crop for recent years:

YEARS.	Virginia.	Tennessee.	North Carolina.	Total.	Value.
1881-82.....	825,000	250,000	75,000	1,150,000	\$1,650,000
1882-83.....	1,250,000	460,000	140,000	1,850,000	2,000,000
1883-84.....	1,500,000	800,000	150,000	2,450,000	2,600,000
1884-85.....	2,000,000	1,250,000	300,000	3,550,000	2,200,000
1885-86.....	1,800,000	800,000	150,000	2,750,000	1,800,000
1886-87.....	1,800,000	750,000	100,000	2,650,000	1,700,000
1887-88.....	3,000,000	630,000	150,000	3,780,000	1,900,000
1888-89.....	1,800,000	600,000	200,000	2,600,000	2,000,000
1889-90.....	1,600,000	600,000	150,000	2,350,000	2,500,000
1890-91.....	4,000,000	1,200,000	250,000	5,450,000	3,200,000

PRICES OF TANNERS' BARK.

Lowest and highest prices of Tanners' Bark, per cord, at Cincinnati:

YEARS.	Lowest.	Highest.	YEARS.	Lowest.	Highest.	YEARS.	Lowest.	Highest.
1867-68.....	\$13 00	\$21 00	1875-76.....	\$11 00	\$15 50	1883-84.....	\$11 00	\$16 00
1868-69.....	16 00	16 00	1876-77.....	11 00	25 00	1884-85.....	9 25	13 00
1869-70.....	14 50	17 00	1877-78.....	8 50	14 50	1885-86.....	9 50	14 50
1870-71.....	12 00	16 00	1878-79.....	9 75	13 00	1886-87.....	11 00	14 00
1871-72.....	12 00	18 00	1879-80.....	9 00	19 00	1887-88.....	10 00	14 50
1872-73.....	15 00	27 50	1880-81.....	15 00	23 00	1888-89.....	10 00	12 00
1873-74.....	12 00	16 00	1881-82.....	12 00	15 00	1889-90.....	12 00	15 00
1874-75.....	12 00	16 00	1882-83.....	14 00	15 00	1890-91.....	10 00	14 00

NOTE.—In 1890-91 the prices monthly were as follows:

September.. \$12 00 @13 00	December..... \$11 00	March..... \$13 00	June..... \$12 00
October..... 11 00 @12 00	January..... 11 50 @13 00	April..... 13 00	July..... 10 00
November.. 11 00 @12 00	February... 13 00 @14 00	May..... 12 50 @13 00	August..... 10 00

PAPER TRADE STATISTICS.

Quantity of Paper, of the various kinds, produced in the district tributary to Cincinnati, in years ending June 30, according to returns made to the Superintendent of the Chamber of Commerce :

YEARS.	Book, lbs.	Manilla, lbs.	News, lbs.	Roofing, etc lbs.	Wrapping, lbs.	Writing, lbs.	Total, lbs.
1874-75.....	7,289,306	7,092,664	9,208,569	8,158,852	8,231,574	2,145,072	42,126,337
1875-76.....	7,753,744	8,796,918	8,210,708	7,986,777	8,004,796	2,145,358	42,898,271
1876-77.....	7,177,588	9,443,722	9,919,292	5,100,578	9,823,066	1,512,332	42,977,068
1877-78.....	11,885,330	9,663,257	8,903,453	5,894,030	9,568,145	1,433,300	47,347,415
1878-79.....	11,467,644	10,294,528	8,963,072	5,356,219	10,438,455	1,817,000	48,336,918
1879-80.....	11,593,232	11,305,507	10,998,596	10,223,738	9,248,033	2,040,000	55,409,106
1880-81.....	9,650,751	10,733,180	15,203,116	7,878,626	15,334,368	2,617,005	61,417,046
1881-82.....	10,884,645	11,011,953	18,571,510	6,227,199	22,162,385	3,000,000	71,857,692
1882-83.....	12,216,239	16,601,560	19,009,347	5,832,085	21,068,680	3,031,921	77,760,332
1883-84.....	14,959,346	19,384,276	21,335,836	8,601,164	12,955,562	3,194,050	80,430,734
1884-85.....	15,645,864	20,244,263	26,196,089	5,280,000	19,668,793	3,691,300	90,726,309
1885-86.....	18,100,973	19,135,353	24,486,346	9,713,077	20,427,195	3,533,894	95,397,338
1886-87.....	24,691,540	23,984,235	25,381,511	12,182,976	17,455,621	3,114,207	106,810,090
1887-88.....	29,309,060	24,005,015	20,916,343	12,714,600	16,544,338	3,855,201	107,345,057
1889-90.....	32,673,527	32,542,763	21,973,198	8,159,098	18,726,188	4,850,000	118,924,774
1890-91.....	32,907,000	31,301,000	22,259,000	9,250,000	23,450,000	5,400,000	124,567,000

Aggregate value of the Paper, of the various kinds, produced in the district tributary to Cincinnati, in years ending June 30, according to returns made to the Superintendent of the Chamber of Commerce :

YEARS.	Book.	Manilla.	News.	Roofing, etc	Wrapping.	Writing.	Total.
1874-75.....	\$840,461	\$616,587	\$845,935	\$242,808	\$263,692	\$429,014	\$3,238,497
1875-76.....	872,068	704,800	743,167	237,890	244,755	429,067	3,231,737
1876-77.....	871,833	769,023	716,196	155,511	287,438	289,020	3,089,021
1877-78.....	1,147,909	692,257	621,422	169,224	224,893	229,635	3,085,340
1878-79.....	1,010,061	672,700	539,466	144,194	244,347	219,000	2,859,768
1879-80.....	1,072,499	835,423	765,626	322,852	235,700	282,000	3,514,100
1880-81.....	924,650	777,885	1,022,032	273,686	418,552	388,550	3,800,355
1881-82.....	905,365	751,995	1,184,416	203,878	573,964	442,000	4,061,618
1882-83.....	953,383	1,100,093	1,175,769	163,446	463,801	406,469	4,282,961
1883-84.....	1,152,222	1,286,786	1,194,488	193,277	266,569	404,802	4,498,144
1884-85.....	1,064,744	1,202,496	1,331,443	116,100	353,018	398,197	4,465,996
1885-86.....	1,169,705	1,148,143	1,166,056	198,675	358,928	398,923	4,440,480
1886-87.....	1,483,796	1,347,699	1,193,379	241,990	319,992	319,162	4,906,018
1887-88.....	1,694,366	1,312,405	902,694	267,608	296,086	437,829	4,910,888
1889-90.....	1,792,943	1,675,750	793,440	164,174	296,000	532,500	5,254,807
1890-91.....	1,777,000	1,502,400	712,300	185,000	398,600	504,000	5,079,300

Wholesale quotations for Paper, per pound, in large lots, at Cincinnati, at the close of August:

KINDS.	1891	1890	KINDS.	1891	1890
Book, sized and supercalendered	6 $\frac{1}{2}$ @6 $\frac{1}{2}$	6 $\frac{1}{2}$ @6 $\frac{1}{2}$	Wrapping, rag.....	1 $\frac{1}{2}$ @ 2	1 $\frac{1}{2}$ @2
Book, sized and calendered.....	5 $\frac{1}{2}$ @5 $\frac{1}{2}$	5 $\frac{1}{2}$ @5 $\frac{1}{2}$	Wrapping, straw.....	1 $\frac{1}{2}$ @ 2	1 $\frac{1}{2}$ @2
Book, No. 3.....	4 $\frac{1}{2}$ @5 $\frac{1}{2}$	5 @5 $\frac{1}{2}$	Writing, fine.....	10 @12	10 $\frac{1}{2}$ @12 $\frac{1}{2}$
Manilla, No. 1.....	5 @5 $\frac{1}{2}$	5 $\frac{1}{2}$ @5 $\frac{1}{2}$	Writing, superfine.....	14 $\frac{1}{2}$ @15 $\frac{1}{2}$	14 $\frac{1}{2}$ @15 $\frac{1}{2}$
Manilla, No. 2.....	3 @3 $\frac{1}{2}$	3 $\frac{1}{2}$ @3 $\frac{1}{2}$	Writing, manilla.....	5 $\frac{1}{2}$ @ 6	5 $\frac{1}{2}$ @6
News, print.....	3 $\frac{1}{4}$ @3 $\frac{1}{4}$	3 $\frac{1}{2}$ @4			

RAINFALL AT CINCINNATI.

Monthly and annual Rainfall, at Cincinnati, together with the average in the whole period, as indicated :

YEARS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.
1835.....	3.82	1.75	1.86	3.37	7.57	7.34	2.46	6.54	2.32	4.35	6.61	3.20	51.19
1836.....	2.97	4.34	4.18	4.54	9.01	2.14	7.42	5.54	4.77	3.71	4.41	4.36	57.39
1837.....	1.80	3.43	3.70	2.00	3.79	4.38	3.83	5.91	3.14	4.16	2.52	5.05	42.71
1838.....	1.90	1.64	1.56	4.74	8.57	7.55	2.47	3.76	7.21	3.55	3.12	.85	39.45
1839.....	4.56	2.75	2.69	2.38	4.46	1.96	2.97	1.56	3.24	1.13	2.20	1.72	29.62
1840.....	1.13	4.68	3.62	4.78	6.08	6.84	4.45	3.73	1.56	4.74	2.50	3.20	47.34
1841.....	5.56	.82	2.34	4.75	2.16	1.51	5.33	2.71	2.94	2.46	4.92	5.66	41.05
1842.....	2.75	6.09	3.02	2.97	3.04	5.67	2.35	4.22	2.95	1.90	3.76	2.57	41.29
1843.....	3.51	3.54	2.97	6.15	3.54	4.52	2.92	5.89	6.73	4.16	4.26	3.00	51.22
1844.....	3.10	1.04	4.50	3.13	7.00	6.16	3.50	3.65	1.26	4.32	3.18	1.10	41.94
1845.....	3.03	1.66	5.46	1.08	1.89	11.50	3.06	6.88	7.51	2.03	1.68	.60	46.38
1846.....	3.59	3.20	2.26	3.51	5.17	7.53	3.93	6.10	2.50	2.19	4.26	9.25	50.52
1847.....	4.71	4.06	5.37	2.12	4.30	7.63	8.25	3.20	3.87	9.57	3.95	8.15	65.18
1848.....	4.58	2.81	6.72	.55	5.13	1.86	6.95	3.90	1.53	3.62	2.60	9.43	49.68
1849.....	6.48	2.04	4.70	3.65	3.61	4.90	8.90	4.41	2.68	3.86	2.42	5.32	52.97
1850.....	5.20	6.28	6.62	4.27	1.86	5.00	6.30	7.20	2.22	1.05	2.54	6.22	54.76
1851.....	.65	6.15	3.04	1.80	3.30	2.10	3.25	2.55	.43	2.60	3.25	3.37	32.49
1852.....	2.03	5.20	5.16	5.80	3.15	5.25	2.05	4.35	4.15	2.75	4.57	9.89	54.35
1853.....	1.53	5.14	2.14	7.70	2.21	1.90	4.81	2.16	4.70	3.78	3.30	.73	40.10
1854.....	4.10	5.57	8.33	2.97	7.29	4.84	2.32	3.18	2.12	3.01	3.66	3.38	50.69
1855.....	3.71	1.58	3.66	3.05	5.24	8.10	4.35	4.25	2.98	1.31	5.22	3.28	47.00
1856.....	1.00	2.49	1.51	.73	1.23	2.24	3.43	.61	3.62	1.74	2.09	2.19	22.88
1857.....	.54	1.98	.76	2.73	5.53	3.09	2.50	2.92	.75	4.92	5.36	3.82	34.90
1858.....	2.56	1.74	1.05	4.34	8.32	5.69	3.01	7.97	.85	4.66	2.57	6.41	49.17
1859.....	2.58	5.92	4.38	7.53	2.32	8.22	1.24	3.79	2.10	1.28	4.46	3.75	42.57
1860.....	1.43	1.56	.41	5.32	3.68	1.55	7.97	.92	4.34	1.28	3.53	1.85	33.84
1861.....	2.68	1.81	2.08	3.88	5.91	3.80	3.62	7.10	2.94	3.77	3.62	1.10	42.31
1862.....	4.74	2.36	5.84	6.30	3.32	3.02	3.05	1.49	.93	.80	3.97	3.01	38.83
1863.....	5.55	3.05	4.37	2.13	2.84	3.11	3.21	2.99	3.10	3.85	2.05	3.80	40.05
1864.....	1.85	.99	.90	2.43	2.34	3.43	1.25	3.42	8.64	2.92	3.40	2.94	34.51
1865.....	2.45	2.43	4.40	3.89	7.72	2.59	7.77	2.26	5.76	.86	.56	3.89	44.58
1866.....	3.36	1.10	5.22	2.49	.98	4.43	7.82	6.31	10.07	1.83	1.57	1.72	46.90
1867.....	1.27	5.32	1.93	3.20	4.48	3.67	2.03	1.13	.65	3.10	1.66	3.66	32.10
1868.....	7.29	.88	5.41	3.30	6.01	7.26	1.80	6.65	8.21	1.10	1.16	1.64	50.71
1869.....	2.17	3.05	5.14	3.05	5.93	3.00	5.36	1.20	3.20	2.75	3.16	3.50	41.51
1870.....	6.20	2.98	4.80	1.42	1.90	5.35	5.56	1.10	.70	3.23	1.40	2.35	36.99
1871.....	2.48	5.10	4.30	1.30	5.45	2.15	4.75	6.90	1.23	1.10	4.28	3.27	42.31
1872.....	6.05	1.66	1.47	4.81	4.10	3.81	7.82	2.21	1.62	3.33	1.12	2.43	40.43
1873.....	2.66	3.76	2.36	2.89	3.50	3.58	3.94	4.69	2.24	2.79	2.50	6.47	41.38
1874.....	3.95	5.91	3.65	4.06	1.38	2.58	3.42	1.03	2.33	1.31	5.35	2.58	37.55
1875.....	1.59	1.83	3.69	2.12	3.92	4.83	9.63	3.17	.65	3.05	4.35	3.75	42.58
1876.....	9.59	2.92	5.07	3.26	1.25	6.67	6.91	6.38	3.17	4.26	2.36	.88	52.72
1877.....	2.33	.67	5.47	2.32	1.76	5.24	4.25	2.26	1.66	1.85	3.49	3.35	31.65
1878.....	4.33	2.33	4.03	3.05	2.53	5.03	4.32	4.11	2.81	2.39	2.77	3.89	41.62
1879.....	2.20	2.22	5.30	2.14	4.23	5.22	2.75	11.72	4.01	.65	4.05	7.11	51.60
1880.....	5.14	4.50	4.15	5.82	5.70	9.86	2.46	4.01	1.37	2.98	4.42	4.26	54.67
1881.....	3.76	4.95	3.51	3.25	2.23	7.82	3.12	.76	2.10	6.01	4.06	5.67	47.24
1882.....	6.02	7.04	6.17	2.71	8.47	4.34	2.91	5.75	3.16	1.59	1.57	2.39	52.12
1883.....	2.82	8.22	3.18	3.72	5.49	3.61	2.21	2.10	1.84	8.39	4.87	5.61	52.36
1884.....	2.21	8.87	2.63	3.02	5.56	2.77	1.73	2.05	3.87	1.35	1.23	3.99	39.28
1885.....	5.80	2.67	.56	3.34	2.07	3.98	1.40	4.95	2.72	2.30	2.33	1.82	33.94
1886.....	2.83	1.65	2.27	2.23	4.11	5.26	3.07	2.91	1.30	.82	3.23	1.67	31.35
1887.....	2.37	7.29	2.07	5.86	3.62	2.64	1.31	2.81	1.93	.55	2.83	1.80	35.08
1888.....	2.78	1.37	3.94	1.14	2.70	1.75	2.46	7.80	1.79	3.05	4.78	1.32	34.88
1889.....	2.38	1.72	.61	2.21	2.52	4.03	4.55	.26	4.31	2.03	5.28	2.02	30.92
1890.....	5.28	4.63	6.26	2.63	3.58	6.00	1.46	5.91	3.28	4.14	2.65	1.88	47.70
1891.....	3.31	3.87	4.86	1.55	1.08	4.83	5.13	2.83	2.65	1.16	5.03	2.14	38.44
Avg. 1835-1891.	3.39	3.45	3.64	3.33	4.16	4.56	4.04	3.97	2.97	2.88	3.29	3.56	43.24
Avg. 1835-1890.	3.39	3.44	3.59	3.37	4.22	4.56	4.02	3.99	2.98	2.91	3.26	3.59	43.32
Avg. 1835-1889.	3.36	3.42	3.56	3.39	4.24	4.53	4.07	3.95	2.97	2.86	3.27	3.62	43.24
Avg. 1835-1888.	3.40	3.42	3.62	3.43	4.24	4.54	4.07	4.02	2.96	2.88	3.24	3.65	43.47
Avg. 1835-1887.	3.42	3.46	3.61	3.47	4.27	4.59	4.10	3.94	2.98	2.88	3.21	3.71	43.64
Avg. 1835-1886.	3.44	3.38	3.64	3.43	4.28	4.63	4.15	3.96	3.00	2.92	3.22	3.75	43.80
Avg. 1835-1885.	3.46	3.41	3.67	3.45	4.29	4.62	4.17	3.98	3.03	2.96	3.22	3.79	44.05

WEATHER SUMMARY.

A very full history of weather conditions, at Cincinnati, is shown in the accompanying exhibits, covering a wide range of observations (thermometrical, barometrical, etc.,) prepared especially for the Chamber of Commerce, by Mr. P. T. JENKINS, Local Forecast Official in charge of the U. S. Weather Bureau, from data collected by the Government at this Station:

METEOROLOGICAL DATA FOR THE YEAR ENDING AUGUST 31, 1891.**TEMPERATURE.**

Mean temperature of the year, 54.5°.
 Maximum temperature of the year, August 9th, 92.1°.
 Minimum temperature of the year, February 4th, 4°.
 Range of temperature, 88.1°.
 Mean of the coldest month, December, 35.8°.
 Mean of the coldest day, February 4th, 12°.
 Mean of the warmest month, June, 74.2°.
 Mean of the warmest days, August 11th and 12th, 81°.
 Greatest monthly range, February, 68.5°.
 Least monthly range, July, 35.8°.
 Greatest daily range, February 20th, 38°.
 Least daily range, August 23d, 3°.
 Mean temperature of autumn, 56.7°.
 Mean temperature of winter, 37.3°.
 Mean temperature of spring, 51.2°.
 Mean temperature of summer, 72.6°.

BAROMETRIC OBSERVATIONS.

Mean barometer for the year, 30.065.
 Highest barometer for the year, January 8th, 30.654.
 Lowest barometer for the year, January 1st, 29.230.
 Annual range of barometer for the year, 1.364.
 Highest monthly mean barometer, December, 30.154.
 Lowest monthly mean barometer, June, 29.966.
 Greatest monthly range of barometer, January, 1.364.
 Least monthly range of barometer, September, 0.435.

WINDS.

Prevailing direction of wind, north-west.
 Total movement of wind, 59,607 miles.
 Greatest monthly movement of wind, March, 6,654 miles.
 Least monthly movement of wind, June, 3,090 miles.
 Greatest daily velocity of wind, December 17th, 494 miles.
 Least daily velocity of wind, June 25th, 13 miles.
 Mean hourly velocity of wind, 6.8 miles.

RAIN.

Total rainfall for year, 39.41 inches.
 Total rainfall for autumn, 10.07 inches.
 Total rainfall for winter, 9.06 inches.
 Total rainfall for spring, 7.49 inches.
 Total rainfall for summer, 12.79 inches.

HUMIDITY.

Mean relative humidity for the year, 71.2 per cent.
 Driest month, May, 60.8 per cent.
 Dampest month, October, 79.4 per cent.

GENERAL OBSERVATIONS.

First light frost, September 14th.
 First killing frost, November 1st.
 First snow, October 30th.
 First thunder-storm of calendar year, February 9th.
 Last snow, April 6th.
 Last frost, May 18th.
 Total snowfall for the year, 15 inches.

MONTHLY CHARACTERISTICS.

September, 1890.—Mean temperature nearly $2\frac{1}{2}^{\circ}$ below normal. First light frost of the season on the 14th. A lunar halo occurred on the 24th. Prevailing direction of wind, north-east.

October, 1890.—Temperature nearly normal. Dampest month of year, relative humidity being 79.4 per cent. The maximum wind velocity of the year occurred on the 18th. First snow of season on the 30th.

November, 1890.—Temperature nearly $3\frac{1}{4}^{\circ}$ above the normal for this month: a slight deficiency in precipitation. First killing frost of the season on the 1st.

December, 1890.—Temperature almost normal: deficiency in precipitation nearly two inches. Prevailing wind direction, south. Total snowfall for the month, 9.3 inches. Coldest month of the year.

January, 1891.—Mean temperature four degrees in excess of normal: slight deficiency in precipitation. Greatest barometer range of year, absolute range being 1.364 inches; highest and lowest barometer of year occurred on the 8th and 1st, respectively.

February, 1891.—Highest water of year, 57.4 feet, on the 25th. Greatest monthly range of temperature during year: precipitation normal; temperature more than three degrees above normal for month. Coldest day of year on the 1th; minimum temperature, four degrees. Solar halos on 14th and 21st. First thunder-storm of season on 9th.

March, 1891.—Temperature nearly five degrees below normal: precipitation 1.37 inches in excess. Number of days on which rain or snow fell, 17.

April, 1891.—Temperature above normal: precipitation below. Thunder-storms of frequent occurrence. Range of stage of river, 28 feet, being greatest monthly range for years. Last snow of season on 6th.

May, 1891.—Driest month of year: mean relative humidity, 60.8 per cent. Total rainfall for month, 1.08 inches. Temperature 4.9° below normal. Last frost of season on the 18th. Lowest river of year, 7.9 feet, on the 18th.

June, 1891.—Warmest month of year, mean temperature, 74.2: precipitation slightly in excess of normal. Thunder-storms numerous and severe. Prevailing wind direction, north-east.

July, 1891.—A cold July. Greatest monthly precipitation of year, excess being 2.05 inches.

August, 1891.—Deficiency both in temperature and precipitation. Highest temperature for year, 92.1° , occurred on the 9th.

THE AVERAGE RELATIVE HUMIDITY AT CINCINNATI,

With the monthly and yearly means, and the amount of rainfall and melted snow, together with the number of clear, fair, cloudy and rainy days, and mean of warmest and coldest days, for the commercial year ending August 31, 1891, with the average temperature and precipitation for a number of years.

1890-91	RELATIVE HUMIDITY.				WEATHER.										DEW POINT.						
	Monthly Mean.	Highest during Month.	Lowest during Month.	Monthly Range.	Rainfall and melted snow (inches).	Number of clear days.	Number of fair days.	No. of days on which rain or snow fell.	Number of cloudy days.	Mean of warmest days.	Dates.	Mean of coldest days.	Dates.	Greatest daily range of temperature.	Least daily range of temperature.	Mean temperature 1890-91, excess (+) or deficiency (-).	Average precipitation for twenty years.	Precipitation 1890-91, excess (+) or deficiency (-).	7 A. M.	7 P. M.	Mean.
September	77.8	100	43	57	3.28	8	11	14	11	80	7	51	28	32	8	-2.4	2.26	+1.02	55.8	57.6	56.7
October	79.4	100	45	55	4.14	4	13	16	14	75	13	38	31	26	6	-0.8	2.80	+1.31	47.2	48.5	47.8
November	73.2	100	40	60	2.65	8	10	10	12	62	27	35	26	22	6	+3.4	3.35	-0.60	35.6	38.3	37.4
December	71.8	97	32	65	1.88	4	15	9	12	50	28	22	36	25	6	-0.6	3.70	-1.82	24.4	26.4	25.4
January	76.8	100	47	53	3.31	7	9	12	17	51	17	24	17	25	6	+4.0	3.45	+0.17	27.8	29.6	28.7
February	74.0	100	31	69	3.87	5	9	13	14	62	4	12	28	34	6	+3.3	3.82	+0.05	31.2	30.9	31.0
March	73.1	100	34	66	4.86	17	17	17	17	52	18, 30	20	4, 14	28	5	+1.9	3.49	+1.37	25.8	31.5	28.6
April	62.8	89	27	68	1.55	17	6	12	7	74	21, 22	30	4	31	4	+2.3	3.08	-1.53	40.5	42.2	41.4
May	60.8	94	26	68	1.08	13	7	8	11	75	21, 22	42	6	32	7	+1.9	3.19	-2.41	44.8	44.2	44.5
June	70.6	100	42	68	4.83	6	20	15	4	80	14, 26	62	5	27	10	+1.7	4.54	+0.29	60.5	64.1	62.3
July	61.5	100	36	64	5.13	10	15	9	6	78	14, 26	63	8	27	7	-6.1	3.08	+2.05	57.4	57.0	57.2
August	72.0	100	39	61	2.83	9	14	14	8	81	10, 11	60	23	24	3	-2.2	4.05	-1.22	61.3	61.6	61.4
Totals	853.8	118.0	44.2	73.8	39.41	96	136	149	133	.....	.....	.....	.....	.....	.....	.....	41.01	.....	512.3	532.9	522.4
Averages	71.2	98.3	36.8	61.5	3.28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.42	.....	42.7	44.4	43.5

THE VELOCITY AND PREVAILING DIRECTION OF THE WIND FOR EACH MONTH,

And the number of times the wind blew from each point of the compass, the winds most and least likely to be followed by precipitation, together with the highest and lowest stages of the Ohio River, at Cincinnati, for the commercial year ending August 31, 1891.

1860-91	WIND.										Followed by Rain or Snow.				Above Zero of Gauge.				* RIVER.						
	† Prevailing direction.	Total number of miles traveled.	Greatest daily velocity.	Least daily velocity.	Mean daily velocity.	Mean hourly velocity.	Maximum velocity in miles per hour.	North.	North-east.	East.	South-east.	South.	South-west.	West.	North-west.	Calms.	Followed by Rain or Snow.				Above Zero of Gauge.				
																	Most Likely.	Least Likely.		Highest, feet and tenths.	Dates.	Lowest, feet and tenths.	Dates.	Range, feet and tenths.	
September.....	N. E.	4,206	289	58	140.2	5.9	22	1	17	9	7	6	7	3	4	6	S. E. to S. W.	W. to N.	35.2	18	11.1	7	24.1		
October.....	S. W.	5,503	352	48	177.5	7.4	38	0	5	2	4	10	19	8	11	3	S. E. to S. W.	W. to N.	32.9	30	12.0	12	20.9		
November.....	N. W.	5,508	322	73	183.5	7.6	29	4	5	3	8	13	9	5	12	4	S. E. to S. W.	W. to N.	31.5	19	16.3	5, 6, 7	15.0		
December.....	N. W.	6,517	494	74	210.2	8.8	32	4	5	6	4	13	9	5	12	4	S. E. to S. W.	W. to N.	48.7	29	12.3	23	19.2		
January.....	S. W.	5,667	363	60	182.8	7.6	27	8	4	5	5	13	10	1	14	2	S. E. to S. W.	W. to N.	57.4	6	31.0	23	27.7		
February.....	N. E.	6,226	378	106	222.4	9.3	30	1	5	9	5	13	6	5	10	2	S. E. to S. W.	W. to N.	50.3	25	33.6	1	23.8		
March.....	N. E.	6,651	397	102	214.6	8.9	26	5	16	11	2	5	8	4	11	0	S. E. to S. W.	W. to N.	43.5	1	32.2	24	18.1		
April.....	N. W.	4,897	333	53	163.2	6.8	35	5	10	7	13	4	9	3	10	4	S. E. to S. W.	N. to E.	14.7	7	15.5	18	6.8		
May.....	N. W.	4,553	296	30	146.9	6.1	26	15	7	7	2	9	3	2	11	4	S. E. to S. W.	N. to E.	24.5	11	13.7	1	10.8		
June.....	N. E.	3,040	182	23	103.0	4.3	36	5	12	7	11	4	7	3	4	7	S. E. to S. W.	N. to E.	18.2	14, 15	9.7	23, 24	8.5		
July.....	N. W.	3,619	328	38	116.7	4.9	24	6	4	10	10	7	7	1	11	9	S. to W.	N. to E.	20.1	31	8.1	19	12.0		
August.....	N. W.	3,109	200	27	102.2	4.3	34	2	3	5	9	11	11	1	11	9	S. to W.	N. to E.	408.5	.....	193.6	.....	214.9
Totals.....	59,607	3,936	692	1963.2	81.9	359	56	96	81	80	110	106	38	119	44	*	34.0	17.9	
Yearly Means....	N. W.	4987.2	328.0	57.7	163.6	6.8	29.9	16.1	

* Observations of river taken daily at 6 A. M.

† Prevailing direction of wind for the year, north-west.

BAROMETRICAL AND THERMOMETRICAL CONDITIONS AT CINCINNATI,

For each month of the year, ending August 31, 1891.

	* BAROMETER (INCHES).						THERMOMETER (DEGREES).											
	Monthly Mean.	Mean at 7 A. M.	Mean at 7 P. M.	Highest Observed.	Dates.	Lowest Observed.	Dates.	Monthly Range.	Monthly Mean.	Mean at 7 A. M.	Mean at 7 P. M.	† Maximum.	Dates.	† Minimum.	Dates.	Monthly Range.	Mean of Maximum.	Mean of Minimum.
1890-91																		
September	30.130	30.154	30.104	30.342	85	29.907	12	0.435	65.8	60.8	67.8	80.1	7	41.0	28	43.1	74.5	57.1
October	29.999	30.006	29.962	30.248	31	29.473	29	0.775	56.5	51.4	57.6	84.3	13	34.0	31	50.3	64.0	49.0
November	30.046	30.158	30.133	30.402	12	29.766	2	0.636	47.8	43.4	49.4	72.4	17	27.0	29	45.4	55.7	40.0
December	30.154	30.161	30.148	30.475	13	29.682	3	0.793	35.8	31.5	37.0	56.0	21	16.0	28	40.0	42.9	28.8
January	30.111	30.123	30.103	30.454	8	29.290	1	1.364	38.2	33.4	38.2	61.5	29	18.0	17	43.5	42.2	30.2
February	30.084	30.085	30.084	30.556	14	29.167	25	1.089	40.0	37.4	41.1	72.5	20	4.0	4	68.5	48.1	31.9
March	30.071	30.092	30.050	30.569	1	29.361	21	1.008	37.9	33.6	40.9	65.9	18	13.1	14	52.8	44.7	31.1
April	30.050	30.070	30.020	30.271	8	29.031	1	0.640	56.0	50.1	59.8	84.8	21	25.5	5	59.3	65.6	46.4
May	30.105	30.131	30.079	30.391	7	29.857	1	0.534	59.6	54.5	64.8	85.0	21	35.5	5	49.3	69.1	50.2
June	29.966	30.094	29.940	30.158	5	29.386	81	0.572	71.2	69.6	76.2	92.0	26	54.0	5, 6	38.0	83.3	65.1
July	30.048	30.071	30.024	30.253	21	29.798	7	0.455	71.4	67.2	76.4	89.0	22	53.2	9	35.8	80.9	61.8
August	30.008	30.030	29.986	30.215	25	29.727	1	0.488	72.3	67.2	76.3	92.1	9	51.2	25	40.9	70.7	63.9
Yearly Means	30.065	30.089	30.056	30.378	....	29.645	....	0.732	54.5	50.0	57.1	78.7	....	31.0	....	47.7	62.6	46.3

* Barometer reduced to sea-level. Elevation of Barometer above sea-level, 628 feet. Range of Barometer for the year, 1.364 inches.

† Self-registering instruments. Range of Thermometer for the year, 88.1°.

DAILY RECORD OF THE STAGES OF WATER FOR YEAR ENDING AUGUST 31, 1891,

In the Ohio River at Cincinnati, daily, at 7:00 A. M.; and in the Ohio at Pittsburgh and Point Pleasant; the Kanawha at Charleston; New River at Hinton, W. Va.; Monongahela at Brownsville, Pa., and Allegheny at Oil City, Pa., daily, except Sunday, about 10:00 A. M.

1890 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

SEPTEMBER.

Oil City.....	1 8	1 5	1 3	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
Brownsville.....	3 1	6 1	5 1	5 1	5 1	5 1	5 1	5 1	5 1	5 1	5 1	5 1	5 1	5 1	5 1	5 1	5 1	5 1	5 1	5 1	5 1	5 1	5 1	5 1	5 1	5 1	5 1	5 1	5 1	5 1	5 1
Pittsburgh.....	3 7	3 2	2 9	2 8	3 1	1 6	2 2	3 1	3 1	3 1	3 1	3 1	3 1	3 1	3 1	3 1	3 1	3 1	3 1	3 1	3 1	3 1	3 1	3 1	3 1	3 1	3 1	3 1	3 1	3 1	3 1
Hinton.....	1 7	1 2	1 1	1 2	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
Charleston.....	5 1	5 1	5 1	5 1	5 1	5 1	5 1	5 1	5 1	5 1	5 1	5 1	5 1	5 1	5 1	5 1	5 1	5 1	5 1	5 1	5 1	5 1	5 1	5 1	5 1	5 1	5 1	5 1	5 1	5 1	5 1
Pa. Pleasant.....	9 3	7 10	6 6	5 7	4 9	4 9	4 9	4 9	4 9	4 9	4 9	4 9	4 9	4 9	4 9	4 9	4 9	4 9	4 9	4 9	4 9	4 9	4 9	4 9	4 9	4 9	4 9	4 9	4 9	4 9	4 9
Cincinnati.....	19	10	17	5	15	8	14	1	12	6	11	4	11	1	11	3	17	8	13	6	10	5	11	7	13	10	6	14	7	13	5

OCTOBER.

oil city.....	1	6	1	7	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1	4	1</
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NOVEMBER.

Oil City.....	1 5	4 3	1 0	4 2	4 2	4 2	4 2	4 2	4 2	4 2	4 2	4 2	4 2	4 2	4 2	4 2	4 2	4 2	4 2	4 2	4 2	4 2	4 2	4 2	4 2	4 2	4 2	4 2	4 2	4 2	4 2
Brownsville.....	10 5	8 5	8 5	11 9	7 8	6 5	6 5	6 5	6 5	6 5	6 5	6 5	6 5	6 5	6 5	6 5	6 5	6 5	6 5	6 5	6 5	6 5	6 5	6 5	6 5	6 5	6 5	6 5	6 5	6 5	6 5
Pittsburgh.....	2 6	2 3	2 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2
Hinton.....	6 8	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6
Charleston.....	19 1	17 6	15 8	13 4	12 8	13 4	12 8	13 4	12 8	13 4	12 8	13 4	12 8	13 4	12 8	13 4	12 8	13 4	12 8	13 4	12 8	13 4	12 8	13 4	12 8	13 4	12 8	13 4	12 8	13 4	12 8
Pa. Pleasant.....	21 8	28 3	27 2	26 1	23 1	23 1	23 1	23 1	23 1	23 1	23 1	23 1	23 1	23 1	23 1	23 1	23 1	23 1	23 1	23 1	23 1	23 1	23 1	23 1	23 1	23 1	23 1	23 1	23 1	23 1	23 1
Cincinnati.....	29	8	28	3	27	2	26	1	23	1	23	1	23	1	23	1	23	1	23	1	23	1	23	1	23	1	23	1	23	1	23

DECEMBER.

Oil City.....	2 2	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
Brownsville.....	4 3	4 3	4 3	4 3	4 3	4 3	4 3	4 3	4 3	4 3	4 3	4 3	4 3	4 3	4 3	4 3	4 3	4 3	4 3	4 3	4 3	4 3	4 3	4 3	4 3	4 3	4 3	4 3	4 3	4 3
Pittsburgh.....	1 4	1 4	1 4	1 4	1 4	1 4	1 4	1 4	1 4	1 4	1 4	1 4	1 4	1 4	1 4	1 4	1 4	1 4	1 4	1 4	1 4	1 4	1 4	1 4	1 4	1 4	1 4	1 4	1 4	1 4
Hinton.....	1 4	1 4	1 4	1 4	1 4	1 4	1 4	1 4	1 4	1 4	1 4	1 4	1 4	1 4	1 4	1 4	1 4	1 4	1 4	1 4	1 4	1 4	1 4	1 4	1 4	1 4	1 4	1 4	1 4	1 4
Charleston.....	4 9	5 6	6 5	4 9	4 9	4 9	4 9	4 9	4 9	4 9	4 9	4 9	4 9	4 9	4 9	4 9	4 9	4 9	4 9	4 9	4 9	4 9	4 9	4 9	4 9	4 9	4 9	4 9	4 9	4 9
Pa. Pleasant.....	7 6	7 6	7 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6
Cincinnati.....	15	5	14	3	13	4	12	7	12	3	12	3	13	4	12	7	12	3	12	3	13	4	12	7	12	3	12	3	13	4

DAILY RECORD OF THE STAGES OF WATER—Continued.

1891	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JANUARY.																																
Oil City.....	4	2	5	5	4	3	10	3	9	3	5	3	3	6	2	11	2	9	2	8	2	3	2	1	1	1	1	1	1	1	1	
Brownsville.....	25	6	28	10	11	9	8	10	7	9	6	3	5	9	5	10	6	8	7	6	7	6	11	10	9	13	8	1	8	1	8	
Pittsburgh.....	15	8	23	5	12	4	10	1	8	5	6	8	5	8	5	10	4	9	3	2	3	6	5	8	10	8	7	7	7	3	8	
Hinton.....	8	6	9	5	4	7	3	8	3	2	9	2	7	2	4	3	3	1	2	9	2	7	2	6	2	5	4	4	5	3	3	
Charleston.....	23	26	9	12	4	6	8	7	4	6	3	6	5	4	11	4	8	6	7	4	6	7	6	8	9	11	2	8	2	7	4	
Pt. Pleasant.....	29	6	40	8	42	9	39	6	33	8	26	2	19	6	15	2	15	9	24	8	26	9	24	7	20	9	21	19	16	7	15	
Cincinnati.....	26	8	31	7	38	6	46	3	47	9	44	8	41	2	34	9	27	8	27	5	29	4	32	5	33	1	30	2	28	9	27	
FEBRUARY.																																
Oil City.....	6	4	6	2	5	10	5	3	10	3	3	3	6	4	4	3	8	3	5	14	4	15	3	2	6	10	5	10	7	4	6	
Brownsville.....	18	2	15	9	14	4	14	11	1	9	12	16	8	22	6	11	6	9	2	10	9	19	6	13	6	12	12	18	4	16	8	
Pittsburgh.....	23	6	17	8	14	6	13	2	10	9	2	12	13	8	19	7	12	5	10	4	9	3	24	2	31	3	26	5	16	6	1	
Hinton.....	8	6	7	6	8	3	9	4	7	4	2	7	8	9	8	17	7	2	5	4	3	4	1	4	4	3	3	5	3	7	1	
Charleston.....	20	1	19	1	18	6	18	9	11	8	8	9	8	13	2	11	9	6	3	8	8	3	8	1	8	15	2	11	9	12	5	7
Pt. Pleasant.....	35	37	5	39	3	39	2	35	9	31	6	25	27	7	34	5	37	5	36	3	34	5	26	3	28	8	33	8	9	3	44	
Cincinnati.....	33	7	38	9	13	2	45	8	47	6	47	4	44	5	46	2	46	4	44	5	44	11	45	4	41	9	41	6	41	5	50	
MARCH.																																
Oil City.....	4	10	4	3	10	3	4	3	2	8	2	7	3	3	3	6	4	5	3	4	11	4	9	4	3	3	7	3	6	3	5	
Brownsville.....	18	17	13	8	11	10	9	10	12	9	12	10	21	6	14	8	10	7	9	3	8	7	6	6	10	6	3	10	3	8	1	
Pittsburgh.....	7	5	6	9	6	4	6	4	6	8	2	10	6	12	9	12	10	21	6	14	8	10	7	9	3	8	7	6	6	10	3	
Hinton.....	4	2	3	9	5	6	2	5	8	5	11	5	9	5	7	9	5	3	4	7	3	4	4	2	5	5	4	8	4	4	3	
Charleston.....	8	4	7	6	8	5	12	7	13	10	4	20	22	18	5	13	4	18	2	18	3	9	3	8	2	7	6	7	2	7	8	
Pt. Pleasant.....	23	4	20	18	5	20	8	20	3	18	5	25	32	6	32	3	31	7	30	7	31	19	27	6	24	20	5	17	16	2	8	
Cincinnati.....	30	3	46	40	5	33	4	32	7	33	6	43	3	43	2	42	8	41	11	41	3	40	5	39	2	36	4	33	2	33	1	
APRIL.																																
Oil City.....	4	10	4	11	4	8	4	9	12	6	10	3	6	3	9	3	11	3	9	3	6	3	9	3	6	3	9	3	6	3	9	
Brownsville.....	11	9	15	9	13	6	18	9	12	6	10	3	9	8	9	8	8	10	7	9	8	8	8	8	8	8	8	8	8	8	8	
Pittsburgh.....	11	14	7	13	2	15	1	10	2	8	9	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
Hinton.....	8	4	7	7	1	7	1	4	7	4	5	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	
Charleston.....	14	8	18	2	15	4	19	12	2	9	6	8	9	4	12	2	13	9	10	4	8	6	7	7	2	15	1	13	8	12	8	
Pt. Pleasant.....	23	4	26	6	30	33	33	8	31	3	27	8	24	2	19	1	25	24	8	23	3	21	3	19	4	17	4	15	1	11	10	
Cincinnati.....	37	6	37	8	39	8	41	7	42	6	43	2	43	2	40	2	38	4	31	3	30	7	32	3	21	2	21	2	19	11	18	

Highest Stage during year 1891, at 6:00 P. M.

DAILY RECORD OF THE STAGES OF WATER—Continued.

1891	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MAY.	Oil City.....	P	F	I	F	I	F	I	P	F	I	P	F	I	P	F	I	P	F	I	P	F	I	P	F	I	P	F	I	P	F	
	Brownsville.....	1	8	1	6	4	3	1	5	1	4	1	3	1	2	1	3	1	5	1	4	1	3	1	2	1	3	1	5	1	4	
	Pittsburgh.....	1	4	4	3	4	3	4	3	5	2	5	1	5	1	4	1	4	1	5	1	4	1	3	1	2	1	3	1	5	1	4
	Hinton.....	2	8	2	6	2	5	2	4	2	3	2	1	9	2	5	1	4	1	5	1	4	1	3	1	2	1	3	1	5	1	4
	Charleston.....	2	7	4	7	2	5	2	4	2	3	2	1	9	2	5	1	4	1	5	1	4	1	3	1	2	1	3	1	5	1	4
	Pt. Pleasant.....	6	9	6	8	6	2	5	5	3	5	2	1	5	2	4	1	4	1	5	1	4	1	3	1	2	1	3	1	5	1	4
	Cincinnati.....	14	7	14	13	4	12	6	11	9	11	5	11	10	7	10	5	10	2	9	9	6	9	3	9	8	9	8	9	1	9	10
JUNE.	Oil City.....	2	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	Brownsville.....	8	3	8	7	6	10	6	9	11	15	5	12	6	9	5	12	6	9	5	12	6	9	5	12	6	9	5	12	6	9	5
	Pittsburgh.....	7	8	7	3	6	2	6	5	6	5	1	10	1	10	1	10	1	10	1	10	1	10	1	10	1	10	1	10	1	10	1
	Hinton.....	4	5	4	2	3	7	3	8	4	3	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	Charleston.....	7	6	7	6	6	6	8	8	8	5	14	1	11	1	8	7	1	6	4	6	1	1	1	1	1	1	1	1	1	1	
	Pt. Pleasant.....	9	5	8	6	8	7	9	6	11	5	12	9	14	7	17	16	3	16	9	15	12	6	1	1	1	1	1	1	1	1	
	Cincinnati.....	13	7	16	2	16	2	15	2	15	8	16	1	18	6	21	3	22	6	24	24	5	24	23	3	22	6	24	24	5	24	
JULY.	Oil City.....	1	8	1	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	Brownsville.....	4	3	4	5	4	5	4	6	4	10	6	11	20	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	Pittsburgh.....	4	2	4	9	4	10	3	6	1	6	2	9	11	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	Hinton.....	2	4	5	7	5	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	Charleston.....	4	4	5	7	5	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	Pt. Pleasant.....	6	5	5	9	5	11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	Cincinnati.....	16	14	4	13	12	11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
AUGUST.	Oil City.....	3	9	2	5	2	2	8	2	4	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	Brownsville.....	6	4	4	10	3	3	5	4	5	4	5	4	8	4	8	4	8	4	8	4	8	4	8	4	8	4	8	4	8	4	
	Pittsburgh.....	4	8	4	3	3	3	4	8	4	3	3	8	4	3	3	8	4	3	3	8	4	3	3	8	4	3	3	8	4	3	3
	Hinton.....	1	8	1	6	4	3	1	5	1	4	1	3	1	2	1	3	1	5	1	4	1	3	1	2	1	3	1	5	1	4	
	Charleston.....	5	5	5	7	2	6	8	6	5	1	4	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
	Pt. Pleasant.....	6	3	5	2	6	7	2	6	8	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	Cincinnati.....	13	8	11	10	11	4	10	9	10	1	9	8	10	3	11	7	11	2	10	11	10	7	10	1	9	10	13	8	16	21	4

STAGES OF THE OHIO RIVER.

Highest, lowest and average Stages of the Ohio River, at Cincinnati, each calendar year, from 1859 to 1891, inclusive, with the highest Stage during the floods of 1832 and 1847:

CALENDAR YEARS.	HIGHEST STAGE.		LOWEST STAGE.		AVERAGE FOR THE YEAR.
	DATE.	Feet. Inch.	DATE.	Feet. Inch.	Feet. Inch.
1832.....	February 18.....	64 3	.....	.....	.....
1847.....	December 17.....	63 7	.....	.....	.....
1859.....	February 22.....	55 5	September 19.....	3 3	17 7
1860.....	April 16.....	49 2	October 3.....	5 4	16
1861.....	April 19.....	49 5	July 13.....	5 1	19 1
1862.....	January 21.....	57 4	October 31.....	2 4	17 5
1863.....	March 12.....	42 9	October 6.....	2 6	15
1864.....	December 23.....	45 1	August 6.....	3 1	16 8
1865.....	March 7.....	56 3	October 19.....	5 8	21 10
1866.....	September 26.....	42 6	August 17.....	4 9	19 2
1867.....	March 14.....	55 8	October 19.....	3	17
1868.....	March 30.....	48 3	July 21.....	5 1	18 8
1869.....	April 2.....	48 9	August 21.....	5 4	19 8
1870.....	January 19.....	55 3	October 4.....	3 10	17 10
1871.....	May 13.....	40 6	October 12.....	2 8	11 10
1872.....	April 13.....	41 9	October 14.....	3	11 8
1873.....	December 18.....	44 5	October 12.....	3 8	18 5
1874.....	January 11.....	47 11	September 22.....	2 4	15 8
1875.....	August 6.....	55 4	September 19.....	4 3	18 9
1876.....	January 29.....	51 9	September 4.....	6 2	18 2
1877.....	January 20.....	53 9	October 9.....	3 3	15
1878.....	December 15.....	41 4	October 24.....	4 4	16 9
1879.....	December 27.....	42 9	October 23.....	2 6	14 6
1880.....	February 17.....	53 2	October 28.....	3 9	17
1881.....	February 16.....	50 7	September 18.....	1 11	16 11
1882.....	February 21.....	58 7	November 1.....	6 1	*22 11½
1883.....	February 15.....	†66 4	September 21.....	3 7	*19 5½
1884.....	February 14.....	†71 ¾	September 21.....	2 9	*17 4
1885.....	January 20.....	46	September 26.....	2 6	*15 7
1886.....	April 9.....	55 9	November 1.....	3 4	*17 10
1887.....	February 5.....	56 3	September 23.....	2 8	*15 11½
1888.....	April 1.....	39 11	August 7.....	5 3	*17 11
1889.....	February 22.....	38 3	September 13.....	5 3	*18 6
1890.....	March 28.....	39 2	August 30.....	5 9	*25 8
1891.....	February 25.....	57 4	October 7.....	4 5	*20 6

* Prepared from the Stages as shown by the Water-works marks daily at 6 A. M. and 6 P. M.; the previous years having been made from one daily observation, at 6 A. M.

† 4 o'clock to 5 o'clock A. M., inclusive.

‡ 12 o'clock noon to 1:30 P. M.

RAINFALL IN THE OHIO VALLEY.

Annual Rainfall at various points in the Ohio Valley, prepared from reports of the Signal Service Department:

POINTS.	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
Pittsburgh.....	37.02	31.97	37.30	38.63	43.17	34.82	34.12	39.21	41.95	39.89	41.37	50.61
Cincinnati.....	51.60	54.67	47.24	52.12	52.35	39.28	33.94	31.35	35.08	34.88	30.92	47.70
Louisville.....	50.69	53.85	36.59	56.50	51.54	51.41	47.23	40.97	38.15	47.84	35.02	50.51
Cairo.....	45.41	49.55	32.18	61.58	52.54	51.66	31.99	37.98	26.75	41.90	37.68	55.41
Columbus, O.....	31.26	44.68	46.99	51.30	48.88	31.02	42.25	42.39	30.25	35	28.50	52.42
Indianapolis.....	42.88	50.99	48.74	53.68	54.12	39.99	39.51	39.88	33.08	41.36	28.41	50.73
Chattanooga.....	52.03	67.97	60.97	61.96	54.16	61.06	56.61	58.53	51.07	54.87	49.31	54.87
Memphis.....	52.29	61.67	42.84	71.05	57.14	64.69	37.41	57.72	42.52	46.82	44.67	68.28
Nashville.....	57.69	67.24	48.08	63.45	58.33	54.02	42.95	44.74	48.40	50.49	42.01	59.97

MONTHLY COMPARISONS OF RIVER AND RAINFALL.

Highest, lowest and average monthly Stages of the Ohio River, and the monthly and annual Rainfall, at Cincinnati, in two years, ending August 31:

MONTHS.	HIGHEST.				LOWEST.				AVERAGE.		RAINFALL.	
	Dates.	1890-91		Dates.	1889-90		Dates.	1890-91		1889-90	1890-91	1889-90
		Ft.	In.		Ft.	In.		Ft.	In.			
September	18	35	2	30	13		7	11		12	5	4
October	29	32	11	1	12	1	12	5	11	22	4	8
November	19	31	6	24	33	7	30	15	11	1	13	2
December	29	31	6	1	29	11	5	12	2	10	16	7
January	6	48	8	21	43	10	23	21		5	18	8
February	25	57	4	28	56	4 $\frac{1}{4}$	1	33	7	1	22	4
March	1	50	3	26	59	2	23	32		10	23	3
April	7	43	6	2	39	11	30	15	2	26	18	7
May	1	14	9	29	41	11	18	7	11	6	24	3
June	11	24	6	1	35	10	1	11	8	9	15	6
July	14	18	3	6	19		23	9	3	29	6	7
August	31	20	1	30	21	2	19	8	1	5	5	9
For the year	Feb. 25	57	4	..	59	2	May 18	7	11	..	5	4
											23	5 $\frac{1}{4}$
											23	11
											39.43	49.39

POST-OFFICE STATISTICS.

Exhibit of the business of the Cincinnati Post-office in the calendar year 1891, furnished by Mr. JOHN ZUMSTEIN, Postmaster, and comparisons for previous years indicated:

ITEMS.	1891	1890	1889	1888
Receipts from sale of stamps, envelopes, etc.....	\$864,186 05	\$795,282 17	\$788,014 35	\$721,763 17
Receipts from box rents.....	5,259 93	5,287 28	5,394 09	5,300 60
Receipts from sale of waste paper and twine.....	729 38	751 16	877 46	701 53
Totals.....	\$870,175 36	\$801,320 61	\$794,285 90	\$727,765 30
Expenses—Postmaster's salary, free delivery, etc.....	\$346,196 51	\$324,508 23	\$284,536 05	\$253,417 00
Total expenses, per cent. income.....	39.78	40.49	35.82	34.82
Number of pieces of first, second, third and fourth-class mail matter deposited for mailing.....	81,095,800	79,144,340	74,021,720	73,421,480
Number of pieces handled by carriers (free delivery)*.....	.....	48,210,909	46,591,077	41,943,199
Total number of letters, packages and through pouches handled in Registry Department.....	998,299	1,073,148	1,106,814	1,015,430
Amount of domestic and foreign money orders and postal notes issued, with fees.....	\$525,741	\$579,815 85	\$589,871 08	\$618,308 79
Amount of domestic and foreign money orders and postal notes paid.....	\$2,006,838 16	\$2,017,232 52	\$2,195,882 39	\$2,217,827 23
Total receipts of Money Order Department, all sources....	\$2,486,722 87	\$2,423,106 11	\$2,427,311 80	\$2,482,691 86

* Count of mail matter by carriers was discontinued from July 1, 1891, by order of the Post-office Department.

ARRIVALS AND DEPARTURES OF STEAMERS.

Monthly arrivals and departures of Freight and Passenger Steamers, at Cincinnati, as indicated:

MONTHS.	ARRIVED FROM									
	NEW ORLEANS.			PITTSBURGH AND WHEELING.			OTHER POINTS.			TOTALS.
	1890-91	1889-90	1888-89	1890-91	1889-90	1888-89	1890-91	1889-90	1888-89	1890-91 1889-90
September ..	..	..	1	5	..	21	156	210	189	161 210
October ..	..	..	2	17	1	18	162	206	178	179 207
November ..	2	..	5	22	22	17	171	153	177	195 177
December ..	4	5	6	25	25	21	176	155	169	205 185
January ..	4	5	6	17	26	24	174	168	159	195 199
February ..	5	6	5	20	23	13	171	137	161	196 166
March ..	4	4	6	24	20	22	168	111	177	196 135
April ..	3	6	5	24	23	24	159	152	172	186 181
May ..	4	6	6	25	25	26	172	181	194	201 212
June ..	2	5	5	19	24	24	167	185	188	188 214
July ..	2	1	3	10	8	22	165	195	233	177 204
August ..	1	..	1	..	..	5	154	167	236	155 167
Totals	31	38	51	208	197	237	1,995	2,022	2,233	2,234 2,257

MONTHS.	DEPARTED FOR									
	NEW ORLEANS.			PITTSBURGH AND WHEELING.			OTHER POINTS.			TOTALS.
	1890-91	1889-90	1888-89	1890-91	1889-90	1888-89	1890-91	1889-90	1888-89	1890-91 1889-90
September ..	..	1	4	4	..	19	158	210	187	162 211
October ..	1	..	4	17	1	17	161	206	180	179 207
November ..	3	5	4	21	22	18	170	155	179	194 182
December ..	5	4	5	25	24	21	177	154	169	207 182
January ..	4	5	6	16	26	23	173	169	164	193 200
February ..	4	4	6	20	21	13	172	136	160	196 161
March ..	4	4	5	25	18	23	164	107	173	193 129
April ..	4	6	6	25	24	23	162	154	171	191 184
May ..	3	5	5	24	25	26	172	180	195	199 210
June ..	2	3	4	20	23	23	166	185	193	188 211
July ..	1	..	2	10	10	23	166	196	233	177 206
August ..	..	..	..	..	..	8	155	169	230	155 169
Totals	31	37	51	207	194	237	1,996	2,021	2,234	2,234 2,252

Annual arrivals and departures of Steamers, at Cincinnati, for years indicated:

YEARS.	Arrivals.	Departures.	YEARS.	Arrivals.	Departures.	YEARS.	Arrivals.	Departures.
1855-56	2,796	2,783	1867-68	2,694	2,681	1879-80	3,163	3,167
1856-57	2,702	2,648	1868-69	3,026	2,993	1880-81	2,638	2,633
1857-58	3,168	3,190	1869-70	2,712	2,726	1881-82	2,739	2,736
1858-59	3,106	2,872	1870-71	2,377	2,356	1882-83	2,340	2,329
1859-60	2,985	2,875	1871-72	2,271	2,235	1883-84	2,170	2,162
1860-61	2,714	2,644	1872-73	2,340	2,333	1884-85	2,137	2,138
1861-62	2,803	2,787	1873-74	2,596	2,600	1885-86	2,489	2,483
1862-63	2,206	2,120	1874-75	2,602	2,665	1886-87	2,272	2,281
1863-64	2,936	2,613	1875-76	2,779	2,808	1887-88	2,113	2,115
1864-65	3,490	3,219	1876-77	2,646	2,653	1888-89	2,521	2,522
1865-66	3,459	3,379	1877-78	2,912	2,942	1889-90	2,257	2,252
1866-67	2,853	2,838	1878-79	2,725	2,730	1890-91	2,234	2,234

OHIO RIVER STEAMERS.

Detailed statement of Freight and Passenger Steamers in service between Cincinnati and other ports during the year 1890-91, showing names, when built, where built, and tonnage of each, according to Custom-house measurement:

NAMES.	WHEN BUILT.	WHERE BUILT.	TONNAGE.	NAMES.	WHEN BUILT.	WHERE BUILT.	TONNAGE.
Andes.....	1877	Cincinnati, O.....	622.18	Louisa.....	1882	Cincinnati, O.....	234.55
Big Sandy.....	1884	Cincinnati, O.....	770.17	Louis A. Sherley.....	1876	Madison, Ind.....	407.55
Big Kanawha.....	1887	Madison, Ind.....	212.54	Minnie No. 2.....	1877	Cincinnati, O.....	312.76
Bonanza.....	1885	Cincinnati, O.....	741.13	New Mary Houston.....	1877	Jeffersonville, Ind.	1,163.93
Bostons.....	1879	Cincinnati, O.....	998.32	New South.....	1887	Jeffersonville, Ind.	932.95
Buckeye State.....	1883	Cincinnati, O.....	669.92	Ohio.....	1879	Cincinnati, O.....	716.40
C. W. Batchelor.....	1875	Brownsville, Pa.....	392.85	St. Lawrence.....	1879	Wheeling, W. Va.....	913.61
Capitol City.....	1888	Marietta, O.....	164.15	Scotia.....	1880	Pittsburgh, Pa.....	601.21
Carrollton.....	1891	Marietta, O.....	599.68	Sherley.....	1891	Marietta, O.....	430.96
City of Madison.....	1882	Madison, Ind.....	964.37	State of Missouri.....	1889	Madison, Ind.....	960.38
City of Vevay.....	1884	Madison, Ind.....	338.54	Tacoma.....	1883	New Richmond, O.....	266.92
Congo.....	1891	Marietta, O.....	599.18	Telegraph.....	1877	Cincinnati, O.....	854.47
Fleetwood.....	1880	Cincinnati, O.....	1,036.60	U. P. Schenck.....	1873	Cincinnati, O.....	1,353.02
General Pike.....	1877	Madison, Ind.....	411.79	W. N. Chancellor.....	1879	Wood County, Va.....	300.54
Golden Rule.....	1877	Cincinnati, O.....	481.27				
Guiding Star.....	1878	Cincinnati, O.....	1,121.97				
Henry M. Stanley.....	1890	Pt. Pleasant, W. Va.....	293.77				
Hudson.....	1886	Pittsburgh, Pa.....	741.76				
John K. Speed.....	1891	Madison, Ind.....	1,090.27				
Keystone State.....	1890	Marietta, O.....	599.02				
Levi J. Workum.....	1891	Cincinnati, O.....	183.82				
Lizzie Bay.....	1886	Madison, Ind.....	176.39				
				Total tonnage, 1890-91.....			24,145.66
				Total tonnage, 1889-90.....			23,583.92
				Increase.....			561.74

NOTE.—The above list includes only Steamers engaged in freight and passenger traffic during the year.

The whole number of Steamers in the freight and passenger traffic between Cincinnati and other ports, and tonnage of each, compared for ten years:

YEARS.	NUMBER.	TONNAGE.	YEARS.	NUMBER.	TONNAGE.
1881-82.....	90	49,738	1886-87.....	48	23,268
1882-83.....	78	41,617	1887-88.....	48	24,348
1883-84.....	81	39,916	1888-89.....	42	24,153
1884-85.....	75	34,631	1889-90.....	48	23,583
1885-86.....	61	31,112	1890-91.....	37	24,145

The following is a list of Ohio River Steamers Destroyed in the year 1890-91:

NAMES.	HOW AND WHERE DESTROYED.	TONNAGE.
General Pike.....	Sunk at Madison, Ind.....	411.79
Granite State.....	Sunk at Cairo, Ill.....	531.11
Katie Stockdale.....	Dismantled at Marietta, O.....	479.66
Louis A. Sherley.....	Dismantled at Marietta, O.....	407.55
Thomas Sherlock.....	Sunk at Cincinnati, O.....	1,353.02

NOTE.—Total tonnage destroyed during the year, 3,183.13.

RIVER COMMERCE.

Receipts and shipments of Merchandise, by river, at Cincinnati, for two years, ending August 31:

ARTICLES.	RECEIPTS.		SHIPMENTS.	
	1890-91	1889-90	1890-91	1889-90
Alcohol, bbls.....			367	366
Ale and Beer, bbls.....	4		9,240	7,793
Apples, bbls.....	25,947	57,726	2,190	4,702
Bagging, pieces.....		56	273	479
Barley, bush.....	1,492	1,331	87	1,710
Beans, bush.....	4,424	7,527	2,225	3,390
Beef, lbs.....			20,110	22,440
Boots and Shoes, cases.....	737	375	20,019	18,256
Bran, etc., tons.....	248	178	733	822
Broom Corn, lbs.....			5,450	9,662
Butter, pkgs.....	3,640	3,483	702	255
Candles, boxes.....	11		1,519	2,786
Castings, tons.....	1,744	2,024	1,924	1,795
Cattle, head.....	12,556	10,732	303	1,143
Cement, bbls.....	41,939	43,998	17,448	14,785
Cheese, boxes.....	134	15	4,394	3,992
Cider, bbls.....	2,049	1,361	2,003	1,450
Coffee, bags.....	871	419	20,722	18,239
Cooperage, pieces.....	26,974	40,226	15,691	56,028
Corn, bush.....	20,889	58,375	34,711	39,306
Corn Meal, bbls.....	28	42	6,559	9,986
Cotton, bales.....	48,529	60,487	2,060	2,027
Crockery, pkgs.....	8,295	7,729	7,839	10,507
Eggs, pkgs.....	37,415	42,327	1,472	798
Feathers, sacks.....	1,852	1,840	154	242
Fish, bbls.....	12	63	4,458	2,830
Fish, kegs and kits.....	160	52	9,162	7,207
Flour, bbls.....	5,688	8,201	34,893	40,204
Fruit, Dried, lbs.....	170,811	694,016	118,309	44,598
Fruit, Green, tons.....	1,611	249	67	25
Furniture, pkgs.....			34,040	32,544
Glass, Window, boxes.....	6,392	9,521	2,823	6,199
Glassware, pkgs.....	124,403	116,133	101,170	90,647
Grease, tierces.....	1,494	966	1,096	980
Hardware, pkgs.....	50,204	36,341	59,767	46,386
Hay, tons.....	3,046	4,427	516	498
Hides, number.....	15,752	16,926	5,318	6,384
Hog Product—Bacon, lbs.....	6,800	22,910	3,270,690	3,338,885
D. S. Meats, loose, lbs.....			139,316	256,600
D. S. Meats, in boxes, lbs.....		3,000	268,000	217,500
Hams, lbs.....		1,000	420,072	420,545
Lard, lbs.....	24,000	32,766	1,078,489	923,090
Pork, bbls.....	3		392	445
Hogs, head.....	62,305	79,413	464	551
Hops, bales.....	2		101	213
Horses, head.....	1,756	1,842	1,336	1,304
Iron, tons.....	14,150	13,191	10,266	10,170
Iron, Pig, tons.....	4,272	2,364	2,465	6,732
Iron, Scrap, tons.....	361	372		4
Lead, Pig, lbs.....			12,300	26,800
Lead, White, lbs.....			589,908	747,643
Leather, bundles.....	5,989	6,931	1,849	2,044
Lemons, boxes.....		11	1,588	2,140
Lime, bbls.....	6,362	6,679	5,842	5,933
Lumber, square feet.....	3,310,000	4,520,000	1,060,000	750,000
Malt, bush.....	1,320	1,250	2,673	17,617
Manufactures, pieces.....			2,406	3,715
Merchandise, tons.....	28,175	23,588	24,782	30,086
Molasses, bbls.....	26,208	13,201	14,887	7,273
Nails, kegs.....	669,556	679,824	378,153	398,364
Oats, bush.....	296	2,815	20,013	19,634
Oil, bbls.....	5,930	4,411	6,452	7,197

RIVER COMMERCE—Continued.

ARTICLES.	RECEIPTS.		SHIPMENTS.	
	1890-91	1889-90	1890-91	1889-90
Onions, bbls. and sacks.....	762	2,325	1,978	578
Oranges, boxes.....	92	59	6,091	5,120
Peanuts, bags.....	29,047	14,681	8,663	7,084
Petroleum, bbls.....	4,326	5,945	7,058	7,300
Potatoes, bbls.....	11,885	68,172	11,026	10,448
Rice, bbls.....	1,366	832	923	893
Rope, pkgs.....	11,772	12,159	17,699	13,818
Rosin, bbls.....	20	.....	417	207
Rye, bush.....	11,043	5,961	2,220	2,228
Salt, bbls.....	106,855	131,933	54,315	83,466
Seed—Clover and Timothy, bags.....	1,149	1,707	10,705	9,791
Sheep, head.....	23,918	26,521	1,292	1,055
Shot, pockets.....	6	20	5,108	7,025
Soap, boxes.....	660	2,730	19,035	13,410
Sorghum, bbls.....	3,592	4,266	43	.....
Spices, pkgs.....	10	.....	319	688
Starch, boxes.....	11,434	21,878	8,603	19,276
Stearine, tierces.....	75	.....	20	.....
Sugar, hhds.....	237	166	1	3
Sugar, bbls.....	5,804	3,080	17,956	14,477
Tallow, tierces.....	2,360	1,477	61	24
Tar, bbls.....	.....	20	.....	.....
Tea, pkgs.....	.....	.....	379	380
Tobacco, Leaf, hhds.....	27,241	26,980	3,388	3,686
Tobacco, Leaf, cases and bales.....	105	104	791	1,111
Tobacco, Manufactured, pkgs.....	10,976	14,932	11,789	1,161
Turpentine, bbls.....	8	.....	87	97
Vegetables, Green, tons.....	443	516	126	266
Vinegar, bbls.....	.....	.....	6,304	5,171
Wheat, bush.....	144,479	129,466	27,493	43,581
Whisky, bbls.....	44,306	45,832	32,415	30,053
Wines and Liquors, bbls.....	279	306	1,080	.....
Wines and Liquors, pkgs.....	6,774	6,597	7,480	6,250
Wool, bales.....	1,217	750	809	1,518
Yarn, Cotton, pkgs.....	17,843	13,351	.....	.....

OHIO RIVER BRIDGES.

Statement showing the Names, Kinds, Lengths, Channel Spans, etc., of the various Bridges over the Ohio River, September 1, 1891, as prepared by Col. Wm. E. MERRILL, U. S. Engineers.

DISTANCE BELOW PITTSBURGH.	NAME OF BRIDGE.	KIND.	LENGTH.		CHANNEL SPANS.						DRAW SPANS.	Height of Flood of 1882 Above Low Water.
			Ohio River.	Includ- ing Ap- proaches	WIDTH AT LOW WATER.		HEIGHT.		Clear Width Low Water.			
					Feet.	Feet.	Feet.	Feet.				
										Feet.		
Miles			Feet.	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.	
0	Point, at Pittsburgh	Highway	1,090	1,020	780	.....	73.3	38.72	.....	31.00
2	Ohio Connecting Railway	Railroad	3,182	4,470	508 5	‡ 100	83.5	49.35	.....	33.37	
26	Beaver	Railroad	1,346	2,486	426	.....	88.9	45.87	.....	43.36
67	Steubenville	Railroad	1,895.4	1,895.4	303	.....	89.6	45.30	.....	47.35
89	Wheeling and Martins Ferry	Railroad	1,502.3	2,099	500	.....	91.66	48.12	.....	51.12
90	Wheeling (Suspension)	Highway	980	980	980	.....	91.5	48.00	.....	51.12
90	Wheeling	Highway	997	1,816	506	.....	91.12	47.58	.....	51.12
94	Bellaire	Railroad	1,435.5	4,001.5	322	.....	90	46.50	.....	51.12
183	Parkersburg	Railroad	1,540	4,200	326.5	.....	90	40.50	.....	52.00
263	Point Pleasant	Railroad	1,370	4,920	400	.....	91.4	38.60	.....	60.44
313	Ceredo	Railroad	1,731	3,789	500	.....	98	40.00	.....	63.00
466	Newport and Cincinnati	R. R. and Highway	1,646	4,203	490	.....	98.1	36.00	.....	69.14
466½	Newport and Cincinnati	Highway	1,532	2,640.5	500	.....	{ 102	40.00	.....	69.14
466¾	Covington and Cincinnati	Highway	1,619	1,619	1,005	.....	{ 105.3	43.30	.....	69.14
467	Chesapeake and Ohio	R. R. and Highway	1,530	4,812	324.3	.....	{ 92	30.00	.....	69.14
468½	Cincinnati Southern	R. R. and Highway	1,499	3,822	500	.....	{ 103	41.00	.....	69.14
507½	Louisville and Jeffersonville	R. R. with Footway	2,545	9,358	535.4	.....	105.3	43.30	.....	69.14
599	Ohio Falls	R. R. with Footway	5,220	5,220	380	{ 533.4	92.8	53.00	.....	44.07	
602	Kentucky and Indiana	R. R. and Highway	2,453	7,220	464	{ 533.4	96.5	45.10	114	66.50		
791½	Henderson	Railroad	2,519	3,624	500	‡ 461	106.5	40.00	100	71.00		
903	Cairo	Railroad	4,386	20,246	503	.....	101.3	55.00	.....	37.80
						503	105.2	103.00	.....	53.80	

* Middle chute.

† North of Sand Island.

‡ Above high water of 1867.

‡ At middle of span.

§ Back channel.

MANUFACTURES OF THE CITY OF CINCINNATI.

Table showing the Cash Capital Invested, the Value of Real Estate Occupied, and the Number of Hands Employed, in the various classes of Manufactures in the City of Cincinnati and immediate vicinity, together with the aggregate Value of the Production, and the Number of Establishments Engaged in each, in 1890:

CLASS OF MANUFACTURES.	Year ending July 1, 1890.			
	No. of Establishments.	Cash Capital Invested.	Value of Real Estate Occupied.	Value of Production.
Agricultural Implements.....	5	\$225,000	\$164,000	\$397,400
Ale and Porter (see Malt Liquors).....	..	..	..	..
Alcohol (see Distilled Liquors).....	..	..	..	..
Artificial Limbs and Trusses.....	15	51,500	63,000	99,450
Awings and Tents.....	11	36,765	68,810	120,460
Baggage Checks (Included with Stencils and Dies).....	..	..	..	..
Baking Powder and Yeast.....	22	194,000	131,000	607,230
Beer (see Malt Liquors).....	..	..	..	..
Bellows and Forges.....	4	17,000	19,000	27,900
Bells.....	2	51,000	44,000	204,900
Billiard Tables.....	4	130,400	106,400	389,625
Blacking (see Ink).....	..	..	..	..
Blacksmithing.....	198	335,000	374,000	879,420
Blinds, Venetian (see Window Shades).....	..	..	..	..
Boilers.....	6	194,510	101,000	355,000
Bolts and Nuts (see Iron).....	..	..	..	..
Book Binding and Blank Books.....	44	291,500	361,700	532,261
Book and Newspaper Publishing.....	136	4,155,386	2,368,130	6,142,189
Boots and Shoes.....	597	1,928,419	2,013,435	6,589,920
Boxes, Cigar.....	8	115,000	90,600	315,300
Paper.....	13	80,000	78,000	243,890
Wooden (Packing).....	11	203,600	141,000	384,700
Brackets and Hat Racks.....	8	115,000	98,450	371,605
Brass Founding and Finishing.....	26	319,736	217,500	799,800
Bread, Crackers, etc.....	409	1,271,223	1,792,981	4,163,113
Brick.....	55	370,000	294,175	791,000
Bricklaying.....	124	301,000	64,000	2,410,000
Bristles (see Curled Hair).....	..	..	..	..
Britannia Ware.....	1	45,000	18,000	87,300
Brooms.....	11	49,000	42,000	125,900
Brushes and Wire Goods.....	15	178,000	82,000	316,400
Building Materials (exclusive of Brick and Stone).....	33	1,621,000	742,500	3,971,840
Bungs and Faucets.....	6	274,000	198,200	204,615
Burial Cases, Coffins and Hearses.....	6	961,700	485,000	2,147,600
Candles, Soaps and Oils.....	36	4,750,000	3,445,000	10,616,000
Candy and other Confections.....	46	370,805	557,320	1,721,124
Canned Goods.....	7	210,300	118,500	526,500
Carpentering.....	279	647,900	384,000	4,110,170
Carpets.....	31	16,000	17,540	72,150
Carriages and Buggies.....	82	2,650,000	1,970,000	9,826,540
Carriage and Wagon Materials.....	22	630,000	274,500	1,615,890
Castings (see Iron).....	..	..	..	..
Cement, Lime and Plaster.....	6	40,000	16,000	100,000
Cement Felting.....	2	4,000	2,000	15,000
Chairs and Sofas.....	28	260,000	146,000	694,600
Charcoal, Fuel and Grounds.....	10	..	..	50,000
Chemicals (see Drugs).....	..	..	..	..
Children's Carriages, Hobby Horses, etc.....	3	61,000	83,400	155,000
Cider (included with Vinegar).....	..	..	..	..
Cigars (see Tobacco).....	..	..	..	..
Cloaks, Mantillas, Dress Trimmings, etc.....	32	416,000	231,000	1,913,000
Clothing and Gents' Furnishing Goods.....	170	13,874,158	5,231,606	21,770,001
Coffins (see Burial Cases).....	..	..	..	..
Coke.....	2	46,000	51,000	194,500
Coloring, Dyeing and Laundry Work.....	110	219,000	328,000	450,500
Copperage.....	46	391,000	271,000	1,139,826
Copper Wire.....	8	40,000	37,300	190,320

MANUFACTURES OF THE CITY OF CINCINNATI—Continued.

CLASS OF MANUFACTURES.	Year ending July 1, 1890.				
	No. of Establishments.	Cash Capital Invested.	Value of Real Estate Occupied.	Number of Hands Employed.	Value of Production.
Cordage.....	7	\$440,120	\$171,200	351	\$1,389,944
Corsets (see Hoop Skirts).....	..	..	..	..	..
Cotton Goods.....	6	372,000	398,700	479	743,000
Curled Hair and Bristles.....	5	185,000	79,000	162	319,000
Cutlery and Edge Tools.....	12	72,000	68,920	94	217,300
Dental Work ^o	131	165,800	262,000	262	461,400
Drain Pipe ^o	2	9,000	11,000	21	22,700
Drugs, Chemicals and Glycerine.....	18	816,759	459,600	213	1,952,745
Earthenware and Queensware.....	7	122,000	135,000	261	274,700
Edge Tools (see Cutlery).....	..	..	..	..	..
Enameled Iron Ware and Show Cards.....	4	52,000	50,000	115	178,060
Engraving, Glass.....	41	64,700	68,300	194	271,450
Metal.....					
Wood.....					
Excelsior (see Boxes).....	9	301,300	219,000	131	317,430
Fertilizers.....	4	37,000	29,000	65	76,400
Files.....	15	361,732	315,400	380	643,500
Fire Alarm Telegraph and Electrical Apparatus.....	7	19,200	16,400	43	37,700
Fire Arms, etc.....	3	22,000	9,000	41	85,600
Fire Brick, Tile, Clay, etc.....	3	33,000	24,000	91	109,000
Fire Works and Explosives.....	13	16,000	24,500	65	45,000
Fire Wood and Kindling ^o	4	49,000	31,000	103	142,000
Flags and Banners.....	7	31,000	26,500	72	64,000
Flavoring Extracts.....	16	223,000	271,000	144	1,291,305
Flour and Meal.....	..	..	..	..	..
Flour Sacks (see Paper).....	55	149,000	370,000	234	271,500
Flowers and Floral Work.....	3	45,000	36,500	68	154,300
Foundry Facings.....	18	558,114	371,350	615	802,629
Frames and Mouldings.....	134	2,971,000	2,242,850	3,213	7,349,000
Furniture.....	7	80,000	69,000	94	380,237
Furs and Gloves.....	39	398,835	399,100	479	1,164,968
Galvanized and Sheet Iron Work.....	1	6,500,000	1,800,000	540	1,292,700
Gas.....	6	97,000	59,000	161	384,000
Gas Meters, Machinery, etc.....	5	170,000	127,000	350	338,500
Glassware.....					
Glass, Stained and Ground.....					
Gloves (see Furs).....	4	161,000	79,000	93	268,300
Glue.....	2	16,500	10,000	28	54,000
Glycerine (see Drugs, Chemicals, etc.).....	2	65,000	45,000	80	89,400
Gold and Silver Foil.....	..	..	..	..	..
Gold Pens, Pencil Cases, etc.....	12	130,000	64,500	76	494,300
Grates (see Mantels and Grates).....	14	725,000	224,000	635	1,142,270
Grease and Tallow.....	66	823,748	700,100	1,057	3,393,647
Hair Goods (see Wigs).....	15	42,190	67,280	168	140,858
Hardware.....	..	..	..	..	..
Harness and Saddlery.....	..	..	..	..	..
Hats and Caps.....	..	..	..	..	..
Hearses (included with Burial Cases).....	1	5,000	3,000	12	12,000
Hollow Ware (see Stoves).....	..	..	..	..	..
Hoop Skirts and Corsets.....	..	..	..	..	..
Horse Collars and Hames (see Harness and Saddlery).....	..	..	..	..	..
Hose (see Leather Belting).....	..	..	..	..	..
Hosiery.....	19	415,945	175,000	739	694,820
Ice ^o	6	416,860	509,340	691	547,000
Ink and Blacking.....	10	243,700	98,000	132	685,000
Instruments, Astronomical, Engineering, etc.....	15	44,000	48,000	75	85,500
Musical.....	7	20,000	39,000	30	30,000
Iron, Bolts and Nuts.....	5	225,000	174,000	400	512,430
Castings, not otherwise specified.....	23	1,222,610	370,000	1,106	1,943,665
Forged and Rolled, exclusive of Blacksmithing.....	10	1,854,000	870,000	2,217	5,726,891
Wrought (Railing, Jail Work, Barbed Wire, etc.).....	19	735,600	514,000	703	1,741,700
Japan (see Varnish).....	..	..	..	..	..
Jewelry and Silver Ware.....	85	1,172,210	578,714	716	1,741,000
Lard ^o.....	..	..	..	..	..
Lasts and Hat Blocks.....	4	5,700	3,200	13	9,400
Lead, Sheet and Pipe.....	8	219,460	94,000	72	431,000
Leather.....	18	2,964,165	1,375,850	1,007	4,344,410
Leather Belting and Hose.....	4	74,000	35,000	65	294,100
Lightning Rods.....	3	28,000	18,700	19	114,500
Lime (see Cement).....	9	2,149,000	575,000	287	9,424,761
Liquors, Distilled.....	39	8,302,602	6,582,188	1,832	9,349,887
Malt.....	58	1,942,170	642,000	355	9,427,780
Rectified.....	7	65,100	85,500	21	225,000
Wine.....	..	..	..	..	..

MANUFACTURES OF THE CITY OF CINCINNATI—Continued.

CLASS OF MANUFACTURES.	Year ending July 1, 1890.				
	No. of Establishments.	Cash Capital Invested.	Value of Real Estate Occupied.	Number of Hands Employed.	Value of Production.
Lithographing.....	17	\$161,500	\$334,700	479	\$331,300
Locks and Locksmithing.....	35	454,000	161,000	238	713,790
Lumber (included with Building Materials).....	81	2,434,600	1,494,000	2,113	5,941,600
Machinery, including Steam Gauges.....	15	634,000	401,000	151	1,153,700
Malt, exclusive of that manufactured by Brewers.....	4	29,000	35,100	54	61,000
Malt Kilns.....	9	512,283	227,200	437	675,416
Mantels and Grates.....	3	12,000	9,400	44	30,000
Maps.....	43	129,000	98,000	234	386,000
Marble Work (see Stone).....	934	1,094,216	831,000	2,947	2,106,530
Mattresses and Bedding.....	5	225,000	222,000	218	385,400
Millinery and Dressmaking.....	19	95,400	101,000	149	227,625
Mill Stones and Portable Mills.....	6	27,400	38,600	222	161,600
Mineral Water.....	3	5,000	7,600	38	26,000
Mucilage (included with Ink).....	34	1,741,200	2,143,600	1,891	4,228,590
Neck Ties, Ruffing, etc.....	9	248,000	135,000	264	1,098,400
Oils (see Candles, etc.).....	7	11,600	14,000	61	35,700
Ornamental Plaster.....	42	155,000	131,600	341	596,400
Paints (see White Lead).....	173	228,950	288,955	794	945,620
Paper, Printing, Wrapping, etc.....	29	464,000	198,700	104	614,500
Bags, Flour Sacks and Envelopes.....	24	49,000	47,600	93	74,760
Collars, Novelties, etc.....	53	11,000	143,000	201	254,400
Hangings.....	69	74,050	16,700	419	264,000
Painting, Fresco, House and Sign.....	105	409,000	371,900	854	897,500
Patent Medicines.....	165	2,940,700	2,107,000	1,638	12,135,415
Patterns and Models.....	134	361,000	519,000	654	1,297,436
Photographs.....	13	534,000	541,600	497	1,941,650
Plastering.....	11	173,600	151,400	201	494,620
Pocket Books (see Paper Novelties).....	9	38,000	61,000	146	124,500
Printing, Job.....	7	365,925	173,400	319	774,640
Provisions.....	16	162,309	97,270	287	390,676
Pumps and Plumbing.....	12	19,000	13,500	43	27,540
Putty (included with White Lead, etc.).....	7	1,374,363	752,939	1,946	3,426,329
Railway Materials and Supplies.....	6	214,000	115,000	264	327,600
Ranges and Warm Air Furnaces.....	5	51,000	39,000	50	47,500
Refrigerators, Ice Boxes, etc.....	6	22,000	18,000	61	43,456
Regalia and Costumes.....	1	2,500	2,500	9	6,500
Roofing Materials.....	18	330,000	191,700	435	501,700
Rubber Moldings and Stamps.....	3	25,500	24,000	116	100,140
Saddlery (see Harness).....	13	89,000	67,000	178	231,600
Safes and Bank Locks.....	7	1,574,363	752,939	1,946	3,426,329
Sawst.....	6	214,000	115,000	264	327,600
Scales and Trucks.....	5	51,000	39,000	50	47,500
Seal Presses and Canceling Stamps.....	6	22,000	18,000	61	43,456
Sealing Wax.....	1	2,500	2,500	9	6,500
Sewing Machine Outfits (see Machinery).....	14	613,112	154,840	207	2,319,355
Shipping Tags (see Job Printing).....	15	64,000	71,000	165	213,700
Shoes (see Boots and Shoes).....	2	217,925	350,000	234	925,000
Show Cases.....	3	104,000	100,000	45	155,500
Silk, Manufactures of.....	16	330,000	191,700	435	501,700
Silver Plating.....	3	25,500	24,000	116	100,140
Silver Ware (see Jewelry).....	13	89,000	67,000	178	231,600
Soap (see Candles and Soap).....	7	1,574,363	752,939	1,946	3,426,329
Spices, Mustard, etc.....	6	214,000	115,000	264	327,600
Stair Building.....	5	51,000	39,000	50	47,500
Starch.....	2	217,925	350,000	234	925,000
Steamboats and Barges.....	3	104,000	100,000	45	155,500
Steam Gauges (see Machinery).....	16	330,000	191,700	435	501,700
Steam Heating Apparatus.....	4	35,000	26,400	78	76,150
Steel Springs.....	12	39,000	28,500	89	84,300
Stencils, Dies and Checks.....	69	921,000	622,000	1,455	1,571,940
Stone and Marble Work.....	9	1,130,000	563,000	858	1,093,400
Stoves and Hollow Ware.....	107	331,000	325,174	650	1,119,000
Tallow (see Grease and Tallow).....	481	1,471,310	1,009,621	2,979	4,764,410
Tin Ware and Tinners' Supplies.....	21	334,000	491,000	579	894,300
Tobacco, Cigars and Cigarettes.....	12	192,725	184,100	358	495,963
Trunks and Valises.....	6	262,000	194,000	364	535,000
Trusses and Braces (see Artificial Limbs).....	13	91,000	98,000	134	216,900
Type, Presses and Printing Materials.....	14	433,405	188,900	156	991,900
Umbrellas and Parasols.....	3	400,000	140,000	179	535,260
Valises (see Trunks).....	1	14,600	15,900	27	38,510
Varnishes and Japans.....	1	14,600	15,900	27	38,510
Veneers, etc.....	1	14,600	15,900	27	38,510
vermicelli, Macaroni and Chocolate.....	1	14,600	15,900	27	38,510

MANUFACTURES OF THE CITY OF CINCINNATI—Continued.

CLASS OF MANUFACTURES.	Year ending July 1, 1890.				
	No. of Establishments.	Cash Capital Invested.	Value of Real Estate Occupied.	Number of Hands Employed.	Value of Production.
Vinegar and Cider.....	15	\$112,000	\$59,450	116	\$331,600
Wagons, Carts, etc.....	103	541,260	314,700	912	1,471,710
Washing Machines (see Wooden Ware).....	..	..	..	..	..
Whisky (see Liquors).....	..	..	..	..	..
White Lead, Colors, Paints and Putty.....	13	1,670,000	600,000	417	1,941,940
Wigs and Hair Goods.....	28	63,300	90,200	141	116,900
Willow Ware.....	14	27,400	18,500	61	59,600
Window Shades, Venetian Blinds, etc.....	7	32,000	24,600	53	51,226
Wines (see Liquors).....	..	..	..	..	..
Wire Goods (see Brushes).....	..	..	..	..	..
Woolen and Worsted Goods.....	5	428,825	140,300	264	617,644
Wooden Ware.....	20	187,700	160,000	371	430,000
Wood Turning and Carving.....	19	61,000	50,500	101	105,000
Wringing Machines (see Wooden Ware).....	..	..	..	..	..
Miscellaneous Industries.....	164	1,467,000	971,900	1,669	2,731,500
Miscellaneous Industries of Hamilton County, outside of the city limits, not included in above.....	1,292	1,643,800	991,416	3,419	5,261,050
Total, Cincinnati and immediate vicinity.....	8,667	\$106,599,037	\$65,982,264	115,944	\$236,162,060

* Estimated.

† Preceding year's report.

‡ Hands included with provisions.

MANUFACTURING INDUSTRY COMPARISONS.

Value of Products of the Manufacturing Industries of Cincinnati, and the Number of Hands Employed, for years indicated:

CLASSIFICATION.	VALUE OF PRODUCTS OF MANUFACTURES.									
	1840	1850	1860	1870	1880	1885	1886	1887	1890	
Iron.....	\$1,728,594	\$4,143,900	\$5,305,606	\$20,804,263	\$19,368,719	\$25,494,273	\$26,193,885	\$26,966,999	\$30,422,139	
Other Metals.....	638,040	1,209,190	1,464,738	3,873,356	5,478,567	6,890,563	7,376,709	7,674,160	8,265,122	
Wood.....	2,095,837	4,143,900	5,336,183	12,699,165	14,204,244	20,970,712	19,771,763	20,440,182	22,195,450	
Leather.....	1,068,750	2,675,150	2,829,234	7,227,324	11,338,735	11,283,589	10,634,255	10,484,425	15,118,040	
Food.....	5,269,617	14,473,862	7,423,580	17,945,651	20,668,153	20,717,662	23,911,946	23,526,858	26,092,023	
Soap, Candles and Oils.....	4,333,940	1,363,000	3,222,263	7,455,561	8,317,682	10,948,400	10,626,300	11,165,200	11,110,300	
Clothing.....	2,009,850	4,325,500	6,737,683	12,626,682	18,695,844	21,270,427	22,029,928	23,202,769	28,631,789	
Liquors.....	307,500	5,240,930	4,894,821	16,361,006	26,647,000	27,642,510	28,125,246	29,012,711	29,580,828	
Cotton, Wool, Hemp, etc.....	411,190	1,181,000	756,068	1,854,774	1,592,013	1,740,340	1,969,824	2,258,983	3,535,698	
Drugs, Chemicals, etc.....	438,250	1,191,000	1,204,360	3,544,195	4,425,522	4,359,060	4,781,570	4,913,150	6,200,085	
Stone and Earth.....	258,300	2,018,200	1,204,360	2,980,102	2,559,510	5,200,610	5,396,360	4,972,730	5,510,340	
Carriages, Cars, etc.....	117,000	703,000	886,850	2,980,102	6,548,690	10,184,180	10,462,684	11,109,950	13,063,140	
Carriages, Cars, etc.....	669,600	1,850,540	333,168	880,516	4,416,326	5,876,597	6,088,508	6,670,986	6,202,980	
Book Binding and Blank Books.....	.....	.....	1,503,101	4,699,280	4,401,735	4,357,843	4,502,678	4,536,876	7,039,489	
Printing and Publishing.....	.....	.....	615,836	5,837,690	5,339,024	3,190,027	3,482,835	3,784,868	5,658,710	
Tobacco.....	.....	56,200	199,750	540,746	826,827	911,457	974,388	1,046,250	1,457,150	
Fine Arts.....	179,100	.....	.....	.....	8,181,206	9,203,188	11,290,597	11,174,375	15,480,516	
Miscellaneous.....	700,920	2,241,900	3,282,416	5,697,427	8,181,206	9,203,188	11,290,597	11,174,375	15,480,516	
Totals.....	\$16,366,443	\$46,189,279	\$46,995,062	\$127,459,021	\$163,351,497	\$190,722,153	\$198,257,029	\$203,459,396	\$236,162,060	

CLASSIFICATION.	NUMBER OF HANDS EMPLOYED IN MANUFACTURING.									
	1840	1850	1860	1870	1880	1881	1882	1883	1884	
Iron.....	1,250	10,723	7,588	10,462	11,874	12,768	13,372	13,372	12,113	
Other Metals.....	466	1,809	2,564	3,372	4,127	4,254	4,280	4,280	4,177	
Wood.....	1,425	5,022	8,686	9,646	10,693	11,407	11,516	11,516	11,516	
Leather.....	888	4,647	5,553	6,805	7,502	7,691	7,537	7,537	6,933	
Food.....	1,567	2,499	4,076	5,468	5,218	6,258	5,007	5,007	4,990	
Soap, Candles and Oils.....	142	362	1,122	1,069	1,050	1,503	1,560	1,560	1,542	
Clothing.....	1,217	12,363	16,904	17,551	18,098	18,604	18,547	18,547	18,314	
Liquors.....	110	2,301	1,841	1,824	1,964	1,951	1,998	1,998	1,842	
Cotton, Wool, Hemp, etc.....	359	1,035	1,272	1,136	1,273	1,438	1,495	1,495	1,528	
Drugs, Chemicals, etc.....	394	735	624	738	735	701	719	719	700	
Stone and Earth.....	87	2,209	2,225	2,364	2,569	2,597	2,801	2,801	3,060	
Carriages, Cars, etc.....	301	983	1,858	4,583	4,863	5,780	5,815	5,815	5,447	
Carriages, Cars, etc.....	740	498	1,713	1,713	2,158	2,528	2,429	2,429	2,484	
Book Binding and Blank Books.....	512	424	519	514	514	520	561	561	556	
Printing and Publishing.....	.....	2,588	2,510	3,635	3,690	3,690	3,896	3,896	3,699	
Tobacco.....	.....	3,886	3,400	3,982	3,909	3,853	3,853	3,853	3,112	
Fine Arts.....	139	92	340	485	523	535	558	558	589	
Miscellaneous.....	462	4,177	2,421	5,475	5,643	5,733	5,782	5,782	6,183	
Totals.....	9,040	59,827	64,709	80,839	86,393	90,523	91,761	88,488	88,488	

FREIGHT RATES ON MEATS.

Average monthly and yearly schedule of Freight Rates, by rail, on Packed Meats, per 100 pounds, from Cincinnati to New York, for years indicated:

YEARS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1865.....	\$1 20	\$1 20	\$1 20	\$1 10	95	75	75	68 $\frac{1}{8}$	66 $\frac{1}{4}$	80	97 $\frac{1}{2}$	97 $\frac{1}{2}$	93.71
1866.....	83 $\frac{1}{4}$	80	65	62 $\frac{1}{2}$	55	55	55	60	61 $\frac{1}{4}$	70	70	80	66.73
1867.....	80	78 $\frac{3}{4}$	73 $\frac{3}{4}$	63 $\frac{1}{2}$	60	60	60	60	70	78	80	80	71.25
1868.....	78	75	75	63	60	60	60	60	66 $\frac{1}{4}$	71	75	75	68.18
1869.....	65	66 $\frac{1}{4}$	50	50	50	50	50	50	55	55	58 $\frac{1}{4}$	57	56
1870.....	60	50	50	50	50	45	45	45	46	50	51	55	50.08
1871.....	55	55	50 $\frac{1}{2}$	45	45	41 $\frac{1}{2}$	42 $\frac{1}{2}$	45	46	52.4	59 $\frac{1}{2}$	60	49.81
1872.....	60	60	55	55	55	52 $\frac{1}{2}$	45	45	51.6	57.4	60	60	55.15
1873.....	60	60	60	60	57.4	50	50	48	46	47 $\frac{1}{2}$	47 $\frac{1}{2}$	48 $\frac{1}{2}$	52.93
1874.....	50	49 $\frac{1}{4}$	40	35	36 $\frac{1}{2}$	40	40	40	40	38 $\frac{1}{2}$	37	35 $\frac{1}{2}$	40.57
1875.....	33	33	33	33	33	33	25	25	25	29 $\frac{1}{2}$	33	37 $\frac{1}{2}$	30.41
1876.....	42	42	40 $\frac{1}{2}$	33 $\frac{1}{2}$	25	25	25	25	25	25	25	25	30
1877.....	34 $\frac{3}{4}$	37 $\frac{1}{2}$	33	29.4	29	32 $\frac{1}{2}$	33	29	29	30 $\frac{1}{2}$	33	33	31.93
1878.....	33	33	28.2	23	24	21	20 $\frac{1}{2}$	24 $\frac{1}{2}$	28 $\frac{1}{2}$	29	29	33	27.48
1879.....	33	30.4	26 $\frac{1}{4}$	21	21	18 $\frac{1}{2}$	21 $\frac{1}{2}$	26 $\frac{1}{2}$	30 $\frac{1}{2}$	33 $\frac{1}{2}$	37 $\frac{1}{2}$	39	28.19
1880.....	39	39	39	34 $\frac{1}{2}$	30 $\frac{1}{2}$	30 $\frac{1}{2}$	30 $\frac{1}{2}$	30 $\frac{1}{2}$	30 $\frac{1}{2}$	31 $\frac{1}{2}$	31 $\frac{1}{2}$	35	33.41
1881.....	35	35	35	30 $\frac{1}{2}$	30 $\frac{1}{2}$	25 $\frac{1}{2}$	21 $\frac{1}{2}$	21 $\frac{1}{2}$	21 $\frac{1}{2}$	21 $\frac{1}{2}$	21 $\frac{1}{2}$	21 $\frac{1}{2}$	26.73
1882.....	21 $\frac{1}{2}$	24 $\frac{1}{2}$	24 $\frac{1}{2}$	26	26	26	26	26	26	26	26	30 $\frac{1}{2}$	25.85
1883.....	30 $\frac{1}{2}$	30 $\frac{1}{2}$	29 $\frac{1}{2}$	26	26	26	26	26	26	26	26	30 $\frac{1}{2}$	27.83
1884.....	30 $\frac{1}{2}$	30 $\frac{1}{2}$	23 $\frac{1}{2}$	17 $\frac{1}{2}$	17 $\frac{1}{2}$	18.4	23	26	26	26	26	26	24.22
1885.....	24.4	21 $\frac{1}{2}$	20	20.6	18 $\frac{1}{2}$	17 $\frac{1}{2}$	17 $\frac{1}{2}$	21 $\frac{1}{2}$	21 $\frac{1}{2}$	21 $\frac{1}{2}$	22.8	26	21.10
1886.....	26	26	26	26	26	26	26	26	26	26	26	26	26.14
1887.....	30 $\frac{1}{2}$	30 $\frac{1}{2}$	30 $\frac{1}{2}$	26	26	26	26	26	26	26	26	26	27.12
1888.....	28	28 $\frac{1}{2}$	26.3	26	26	26	19.9	17.3	15 $\frac{1}{2}$	18.8	21 $\frac{1}{2}$	23.6	23.11
1889.....	26	26	26	26	26	26	26	26	26	26	26	26	26
1890.....	26	26	26	26	26	26	26	24.8	20	20	20	20	23.89
1891.....	20	24.3	26	26	26	26	26	26	26	26	26	26	25.36

CINCINNATI PROPERTY VALUATION AND TAXATION.

Valuation of Real and Personal Property, Rate of Taxation and Amount of Tax Revenues, of Cincinnati, for forty-two years:

YEARS.	Real Estate.	Personalty.	Amount of Levy.	Amount of Revenue.	YEARS.	Real Estate.	Personalty	Amount of Levy.	Amount of Revenue.
1850.....	\$34,194,430	\$8,668,298	1.70	\$728,666 00	1871.....	\$123,427,888	\$56,934,044	2.22	\$4,004,034 00
1851.....	34,578,450	11,490,364	1.50	690,132 00	1872.....	119,621,886	55,462,410	2.01	3,519,194 00
1852.....	35,697,540	16,764,570	1.65	910,308 00	1873.....	121,479,280	64,166,460	2.306	4,280,990 00
1853.....	36,520,040	30,321,148	1.85	1,236,561 00	1874.....	123,231,790	58,718,284	2.338	4,253,992 00
1854.....	58,135,436	28,914,269	1.68	1,358,082 00	1875.....	125,976,815	58,521,730	2.482	4,579,254 00
1855.....	60,335,932	24,994,948	1.48	1,262,897 00	1876.....	127,143,900	56,809,066	2.704	4,976,616 00
1856.....	60,701,367	20,795,203	1.35	1,116,927 00	1877.....	128,820,270	50,609,872	2.91	5,250,537 39
1857.....	61,340,371	25,104,120	1.50	1,290,676 00	1878.....	129,049,840	43,830,188	2.854	4,383,825 00
1858.....	62,681,002	26,051,151	1.66	1,422,963 00	1879.....	128,473,130	40,832,506	2.898	4,908,095 00
1859.....	63,746,316	29,292,789	1.64	1,584,110 00	1880.....	129,356,980	37,578,376	3.10	5,193,596 00
1860.....	61,428,917	30,532,456	1.745	1,666,231 00	1881.....	129,045,230	41,359,163	2.22	3,583,177 34
1861.....	62,077,837	30,313,411	1.92	1,833,954 00	1882.....	121,897,090	45,089,015	2.38	3,977,608 90
1862.....	63,503,296	29,707,461	1.766	1,647,513 00	1883.....	122,874,790	46,859,127	2.05	3,456,115 72
1863.....	64,441,532	35,932,161	1.82	1,826,808 00	1884.....	124,625,370	44,908,822	2.556	4,333,293 94
1864.....	65,585,774	47,809,074	2.02	2,230,546 00	1885.....	127,454,100	42,632,868	2.686	4,568,536 96
1865.....	67,610,611	63,135,382	2.29	2,994,083 00	1886.....	129,378,370	42,571,661	2.544	4,374,408 79
1866.....	66,454,662	67,218,101	2.16	2,887,331 00	1887.....	130,730,870	43,806,977	2.768	4,831,207 60
1867.....	68,569,040	68,412,285	2.74	3,753,288 00	1888.....	133,279,590	41,459,930	2.702	4,722,542 36
1868.....	69,799,004	61,583,925	2.80	3,678,738 00	1889.....	134,872,270	39,964,970	2.680	4,685,638 03
1869.....	72,243,844	58,471,666	3.19	4,169,824 00	1890.....	137,121,460	40,651,780	2.666	4,739,434 58
1870.....	78,786,482	57,370,754	3.16	4,300,968 00	1891.....	142,160,280	42,832,840	2.840	5,264,040 33

BANKING CAPITAL.

Total Capital of National and Private Banks, respectively, in the city of Cincinnati, on the first day of September, in years indicated :

	1891	1890	1889	1888	1887	1886	1885
Total National Banks.....	\$9,100,000	\$8,900,000	\$8,900,000	\$8,900,000	\$10,400,000	\$9,600,000	\$8,600,000
Total Private Banks.....	818,000	818,000	818,000	818,000	818,000	1,113,000	1,513,000
Grand Totals.....	\$9,918,000	\$9,718,000	\$9,718,000	\$9,718,000	\$11,218,000	\$10,713,000	\$10,113,000

Statement showing the Banking Capital of the cities of Cincinnati, Covington, and Newport, September 1, 1891:

CINCINNATI.		COVINGTON.	
First National Bank.....	\$1,200,000	Northern Bank of Kentucky....	\$650,000
Second National Bank.....	200,000	Covington City National Bank..	500,000
Third National Bank.....	1,600,000	First National Bank.....	500,000
Fourth National Bank.....	500,000	Farmers' and Traders' National	
Merchants' National Bank.....	1,000,000	Bank.....	300,000
National Lafayette Bank.....	600,000	German National Bank.....	350,000
Citizens' National Bank.....	1,000,000	Citizens' National Bank.....	200,000
Ohio Valley National Bank.....	1,000,000		\$2,500,000
German National Bank.....	500,000		
Commercial Bank.....	328,000		
Franklin Bank.....	240,000		
Western German Bank.....	200,000		
S. Kuhn & Sons.....	50,000		
Fifth National Bank.....	500,000		
Equitable National Bank.....	350,000		
Atlas National Bank.....	400,000		
Market National Bank.....	250,000		
	\$9,918,000		

CINCINNATI CLEARING-HOUSE RETURNS.

Monthly Clearings at the Cincinnati Clearing-house, prepared by WILLIAM D. DUBLE, Manager, the figures representing the actual exchanges brought to the Clearing-house, for years indicated:

MONTHS.	1890-91	1889-90	1888-89	1887-88	1886-87
September	\$53,099,150	\$43,849,150	\$40,541,400	\$44,408,850	\$42,491,850
October	59,381,150	53,412,850	47,535,350	47,782,200	45,881,750
November	54,228,800	49,343,750	45,911,050	45,248,150	47,772,300
December	56,139,200	52,092,750	49,370,350	47,988,000	49,477,350
January	58,634,800	57,029,600	50,051,450	47,956,200	46,296,350
February	50,906,900	47,125,100	41,928,900	40,856,250	44,410,600
March	53,469,700	51,781,900	45,740,700	40,673,200	51,308,150
April	54,825,850	52,807,250	45,360,700	40,777,200	51,985,450
May	53,626,800	55,288,200	47,582,100	43,948,900	50,422,450
June	57,266,000	53,050,550	46,263,000	43,001,450	48,393,950
July	55,561,150	52,178,100	47,428,800	41,145,450	42,748,200
August	48,099,300	48,470,450	42,610,900	38,702,050	41,268,800
Totals	\$655,238,800	\$616,429,650	\$550,324,700	\$522,487,900	\$562,460,200

POPULATION OF THE UNITED STATES.

Population of the United States by States and Divisions, and Total and Urban Population, in 1890, and the Increase in each, compared with 1880:

STATES AND TERRITORIES.	TOTAL POPULATION.		URBAN POPULATION.		NUMBER OF CITIES AND PERCENTAGE OF URBAN OF TOTAL POPULATION.			
	1890	1880	1890	1880	1890	1880	1890	1880
Total Population of United States....	62,622,250	50,155,783	18,235,670	11,318,547	443	29.12	286	22.57
North Atlantic Division.....	17,401,545	14,507,407	8,976,426	6,254,096	195	51.58	137	43.11
Maine.....	661,086	648,936	130,346	87,100	8	19.72	5	13.42
New Hampshire.....	376,530	346,901	103,058	76,200	5	27.37	5	21.96
Vermont.....	332,422	332,286	26,350	21,500	2	7.93	2	6.47
Massachusetts.....	2,238,943	1,783,085	1,564,931	1,042,039	47	69.90	33	58.44
Rhode Island.....	345,506	276,531	272,571	175,500	10	78.89	6	63.46
Connecticut.....	746,258	622,700	377,453	266,100	16	50.58	13	42.73
New York.....	5,997,853	5,082,871	3,568,708	2,591,207	43	59.50	33	50.98
New Jersey.....	1,444,933	1,131,116	780,978	495,650	20	54.05	12	43.82
Pennsylvania.....	5,258,014	4,282,891	2,152,051	1,498,740	44	40.93	28	34.99
South Atlantic Division.....	8,857,920	7,597,197	1,420,455	942,387	36	16.04	23	12.40
Delaware.....	168,493	146,608	61,431	42,478	1	36.46	1	28.97
Maryland.....	1,042,390	934,943	465,479	351,665	4	44.65	3	37.61
District of Columbia.....	230,392	177,624	230,392	159,871	1	100.00	2	90.01
Virginia.....	1,655,980	1,512,565	221,965	148,230	9	13.40	6	9.80
West Virginia.....	762,794	618,457	53,529	30,737	3	7.02	1	4.97
North Carolina.....	1,617,947	1,399,750	62,544	26,615	5	3.87	2	1.90
South Carolina.....	1,151,149	995,577	78,915	60,020	3	6.86	2	6.03
Georgia.....	1,837,353	1,542,180	199,169	112,881	7	10.84	5	7.32
Florida.....	391,422	269,493	47,031	9,890	3	12.02	1	3.67
North Central Division.....	22,362,279	17,364,111	5,791,272	3,024,679	152	25.90	95	17.42
Ohio.....	3,672,316	3,198,062	1,159,348	745,894	29	31.57	20	23.32
Indiana.....	2,192,404	1,978,301	400,567	244,063	18	18.27	11	12.34
Illinois.....	3,826,351	3,077,871	1,483,324	732,021	24	38.77	18	23.78
Michigan.....	2,093,889	1,636,987	546,095	271,566	20	26.08	12	16.59
Wisconsin.....	1,686,880	1,315,497	424,546	212,431	17	25.17	9	16.15
Minnesota.....	1,301,826	780,773	369,315	107,623	6	28.37	4	13.78
Iowa.....	1,911,896	1,624,615	269,230	152,578	12	14.08	10	9.39
Missouri.....	2,679,184	2,168,380	703,743	459,369	8	26.27	5	21.18
North Dakota.....	182,719	36,909	.....	.....	1	3.10	.....	.....
South Dakota.....	328,808	98,268	10,177	.....	1	3.10	.....	.....
Nebraska.....	1,058,910	452,402	259,048	43,521	8	24.46	2	9.62
Kansas.....	1,427,096	986,096	165,879	55,613	9	11.62	4	5.58
South Central Division.....	10,972,893	8,919,371	1,147,147	673,708	37	10.45	20	7.55
Kentucky.....	1,858,635	1,648,690	276,733	198,603	7	14.89	5	12.05
Tennessee.....	1,767,518	1,542,359	202,337	99,527	5	11.45	4	6.45
Alabama.....	1,513,017	1,262,505	89,013	45,845	4	5.88	2	3.63
Mississippi.....	1,289,600	1,131,597	34,098	11,814	3	2.64	1	1.04
Louisiana.....	1,118,587	939,946	264,496	224,099	3	23.65	2	23.84
Texas.....	2,235,523	1,591,749	225,247	80,682	11	10.08	5	5.07
Indian Territory.....	.....	.....	.....	.....	.....	.....	.....	.....
Oklahoma.....	61,834	.....	.....	.....	.....	.....	.....	.....
Arkansas.....	1,128,179	802,525	55,223	13,138	4	4.89	1	1.64
Western Division.....	3,027,613	1,767,697	900,370	423,677	23	29.74	11	23.97
Montana.....	132,159	39,159	24,557	.....	2	18.58	.....	.....
Wyoming.....	60,705	20,789	11,690	.....	1	19.26	.....	.....
Colorado.....	412,198	194,327	153,623	50,449	4	37.27	2	25.96
New Mexico.....	153,593	119,565	.....	.....	.....	.....	.....	.....
Arizona.....	59,620	40,440	.....	.....	.....	.....	.....	.....
Utah.....	207,905	143,963	59,732	20,768	2	28.73	1	14.43
Nevada.....	45,761	62,266	10,917	.....	.....	.....	1	17.53
Idaho.....	84,385	32,610	.....	.....	.....	.....	.....	.....
Alaska.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington.....	349,390	75,116	98,765	.....	3	28.27	.....	.....
Oregon.....	313,767	174,768	56,917	17,577	2	18.14	1	10.06
California.....	1,208,130	864,694	495,086	323,966	9	40.98	6	37.47

POPULATION OF CITIES AND TOWNS.

Cities and Towns in the United States having a Population of 8,000 and over in 1890, arranged Alphabetically, compared with 1880.

CITIES AND TOWNS.	POPULATION.		CITIES AND TOWNS.	POPULATION.	
	1890	1880		1890	1880
Adams, Mass.....	9,213	5,591	Brunswick, Ga.....	8,459	2,891
Adrian, Mich.....	8,756	7,849	Buffalo, N. Y.....	255,664	155,134
Akron, Ohio.....	27,601	16,512	Burlington, Iowa.....	22,565	19,450
Alameda, Cal.....	11,165	5,708	Burlington, N. J.....	8,222	6,090
Albany, N. Y.....	94,923	90,758	Burlington, Vt.....	14,590	11,365
Alexandria, Va.....	14,339	13,659	Butler, Pa.....	8,734	3,163
Allegheny, Pa.....	105,287	78,682	Butte, Mont.....	10,723	3,363
Allentown, Pa.....	25,228	18,063	Cairo, Ill.....	10,324	9,011
Alpena, Mich.....	11,283	6,153	Cambridge, Mass.....	70,028	52,669
Alton, Ill.....	10,294	8,975	Camden, N. J.....	58,313	41,659
Altoona, Pa.....	30,337	19,710	Canton, Ohio.....	26,189	12,258
Amesbury, Mass.....	9,798	3,355	Carbondale, Pa.....	10,833	7,714
Amsterdam, N. Y.....	17,336	9,466	Cedar Rapids, Iowa.....	18,020	10,104
Anderson, Ind.....	10,741	4,126	Charleston, S. C.....	54,955	49,984
Ann Arbor, Mich.....	9,431	8,061	Charlotte, N. C.....	11,357	7,094
Anniston, Ala.....	9,876	942	Chattanooga, Tenn.....	29,100	12,802
Appleton, Wis.....	11,869	8,065	Chicago, Ill.....	1,099,850	548,185
Arkansas City, Kans.....	8,347	1,012	Chicopee, Mass.....	14,050	11,286
Asheville, N. C.....	10,235	2,616	Chillicothe, Ohio.....	11,288	10,938
Ashland, Wis.....	9,356	(a)	Chippewa Falls, Wis.....	8,670	3,982
Ashtabula, Ohio.....	8,338	4,445	Chelsea, Mass.....	27,909	21,782
Atchison, Kans.....	13,963	15,105	Chester, Pa.....	20,226	14,967
Athens, Ga.....	8,639	6,099	Cheyenne, Wyo.....	11,690	3,456
Atlanta, Ga.....	65,533	37,409	Cincinnati, Ohio.....	296,908	255,139
Atlantic City, N. J.....	13,065	5,477	Cleveland, Ohio.....	261,353	160,146
Auburn, Maine.....	11,250	9,555	Clinton, Iowa.....	13,619	9,052
Auburn, N. Y.....	25,858	21,924	Clinton, Mass.....	10,424	8,029
Augusta, Ga.....	33,300	21,891	Cohoes, N. Y.....	22,509	19,416
Augusta, Maine.....	10,527	8,665	Colorado Springs, Colo.....	11,140	4,226
Aurora, Ill.....	19,688	11,873	Columbia, Pa.....	10,599	8,312
Austin, Texas.....	14,476	11,013	Columbia, S. C.....	15,353	10,036
Baltimore, Md.....	434,439	332,313	Columbus, Ga.....	17,303	10,123
Bangor, Me.....	19,103	16,856	Columbus, Ohio.....	88,150	51,647
Bath, Me.....	8,723	7,874	Concord, N. H.....	17,004	13,843
Baton Rouge, La.....	10,478	7,197	Corning, N. Y.....	8,550	4,802
Battle Creek, Mich.....	13,197	7,063	Council Bluffs, Iowa.....	21,474	18,063
Bay City, Mich.....	27,889	20,693	Covington, Ky.....	37,371	29,720
Bayonne, N. J.....	19,093	9,372	Cranston, R. I.....	8,099	5,940
Beatrice, Neb.....	13,836	2,447	Cumberland Md.....	12,729	10,693
Beaver Falls, Pa.....	9,735	5,104	Cumberland, R. I.....	8,090	6,445
Bellaire, Ohio.....	9,934	8,025	Dallas, Texas.....	38,067	10,358
Belleville, Ill.....	15,361	10,683	Danbury, Conn.....	16,552	11,666
Beverly, Mass.....	10,821	8,456	Danville, Ill.....	11,491	7,733
Biddeford, Maine.....	14,443	12,651	Danville, Va.....	10,305	7,526
Binghamton, N. Y.....	35,005	17,317	Davenport, Iowa.....	26,872	21,831
Birmingham, Ala.....	26,178	3,066	Dayton, Ohio.....	61,220	38,678
Bloomington, Ill.....	20,048	17,180	Decatur, Ill.....	16,841	9,547
Boston, Mass.....	448,477	362,839	Delaware, Ohio.....	8,224	6,894
Bradford, Pa.....	8,561	3,310	Denison, Texas.....	10,958	3,975
Bradford, Vt.....	10,514	9,197	Denver, Colo.....	106,713	35,629
Bridgeport, Conn.....	48,866	27,643	Des Moines, Iowa.....	50,093	22,408
Bridgeton, N. J.....	11,424	8,722	Detroit, Mich.....	205,876	116,340
Brockton, Mass.....	27,294	13,608	Dover, N. H.....	12,790	11,687
Brookline, Mass.....	12,103	8,057	Dubuque, Iowa.....	30,311	22,254
Brooklyn, N. Y.....	806,343	506,663	Duluth, Minn.....	33,115	3,483

POPULATION OF CITIES AND TOWNS—Continued.

CITIES AND TOWNS.	POPULATION.		CITIES AND TOWNS.	POPULATION.	
	1890	1880		1890	1880
Dunkirk, N. Y.....	9,416	7,248	Jackson, Tenn.....	10,089	5,377
Dunmore, Pa.....	8,315	5,151	Jacksonville, Fla.....	17,201	7,650
East Liverpool, Ohio.....	10,956	5,568	Jacksonville, Ill.....	10,740	10,927
Easton, Pa.....	14,481	11,924	Jamestown, N. Y.....	16,038	9,357
East Portland, Ore.....	10,532	2,984	Janesville, Wis.....	10,836	9,018
East Providence, R. I.....	8,422	5,056	Jeffersonville, Ind.....	10,666	9,357
East St. Louis, Ill.....	15,169	9,185	Jersey City, N. J.....	168,003	120,722
Eau Claire, Wis.....	17,415	10,119	Johnston, R. I.....	9,778	5,765
Elgin, Ill.....	17,823	8,787	Johnstown, Pa.....	21,805	8,380
Elizabeth City, N. J.....	37,764	28,229	Joliet, Ill.....	23,264	11,657
Elkhart, Ind.....	11,360	6,953	Joplin, Mo.....	9,943	7,038
Elmira, N. Y.....	29,708	20,541	Kalamazoo, Mich.....	17,853	11,937
El Paso, Tex.....	10,338	736	Kankakee, Ill.....	9,025	5,651
Eric, Pa.....	40,634	27,737	Kansas City, Kans.....	38,316	3,200
Evansville, Ind.....	50,756	29,280	Kansas City, Mo.....	d 132,716	55,785
Everett, Mass.....	11,068	4,159	Kearney, Neb.....	8,074	1,782
Fall River, Mass.....	74,398	48,961	Keokuk, Iowa.....	14,101	12,117
Findlay, Ohio.....	18,553	4,633	Key West, Fla.....	18,080	9,890
Fitchburg, Mass.....	22,037	12,429	Kingston, N. Y.....	21,261	18,344
Flint, Mich.....	9,803	8,409	Knoxville, Tenn.....	22,535	9,683
Flushing, N. Y.....	10,868	6,683	Kokomo, Ind.....	8,261	4,042
Fond du Lac, Wis.....	12,024	13,004	La Crosse, Wis.....	25,090	14,505
Fort Scott, Kans.....	11,946	5,372	Lafayette, Ind.....	16,243	14,860
Fort Smith, Ark.....	11,311	3,099	Lancaster, Pa.....	32,011	25,769
Fort Wayne, Ind.....	35,393	26,880	Lansing, Mich.....	13,102	8,319
Fort Worth, Texas.....	23,076	6,663	Lansingburg, N. Y.....	10,550	7,432
Framingham, Mass.....	9,239	6,235	Laredo, Tex.....	11,319	3,521
Frederick, Md.....	8,193	8,659	La Salle, Ill.....	9,855	7,847
Freeport, Ill.....	10,189	8,516	Lawrence, Kans.....	9,997	8,510
Fresno, Cal.....	10,818	1,112	Lawrence, Mass.....	44,654	39,151
Galesburg, Ill.....	15,264	11,437	Leadville, Col.....	11,212	14,820
Galveston, Tex.....	29,084	22,248	Leavenworth, Kans.....	19,768	16,546
Gardner, Mass.....	8,424	4,188	Lebanon, Pa.....	14,664	8,778
Gloucester, Mass.....	24,651	19,329	Lewiston, Me.....	21,701	19,083
Gloversville, N. Y.....	13,864	7,133	Lexington, Ky.....	21,567	16,656
Grand Rapids, Mich.....	60,278	32,016	Lima, Ohio.....	15,987	7,567
Green Bay, Wis.....	9,069	7,464	Lincoln, Neb.....	55,154	13,003
Greenville, S. C.....	8,607	6,160	Lincoln, R. I.....	20,355	13,765
Greenwich, Conn.....	10,131	7,892	Little Falls, N. Y.....	8,783	6,910
Hagerstown, Md.....	10,118	6,627	Little Rock, Ark.....	25,874	13,138
Hamilton, O.....	17,565	12,122	Lockport, N. Y.....	16,038	13,522
Hannibal, Mo.....	12,857	11,074	Logansport, Ind.....	13,328	11,198
Harrisburg, Pa.....	39,385	30,762	Long Island City, N. Y.....	30,506	17,129
Harrison, N. J.....	8,338	6,898	Los Angeles, Cal.....	50,395	11,183
Hartford, Conn.....	53,230	42,015	Louisville, Ky.....	161,129	123,758
Hastings, Neb.....	13,584	2,817	Lowell, Mass.....	77,696	59,475
Haverhill, Mass.....	27,412	18,472	Lynchburg, Va.....	19,709	15,959
Hazleton, Pa.....	11,872	6,935	Lynn, Mass.....	55,727	38,274
Helena, Mont.....	13,834	3,624	McKeesport, Pa.....	20,741	8,212
Henderson, Ky.....	8,835	5,365	Macon, Ga.....	22,746	12,749
Hoboken, N. J.....	43,648	30,999	Madison, Ind.....	8,937	8,945
Holyoke, Mass.....	21,915	21,915	Madison, Wis.....	13,426	10,324
Hornellsville, N. Y.....	10,996	8,195	Mahanoy, Pa.....	11,286	7,181
Hot Springs, Ark.....	8,086	3,554	Malden, Mass.....	23,031	12,017
Houston, Ark.....	27,557	16,513	Manchester, Conn.....	8,222	6,462
Hudson, N. Y.....	9,970	8,670	Manchester, N. H.....	44,126	32,630
Huntington, W. Va.....	10,108	3,174	Manchester, Va.....	9,246	5,729
Hutchinson, Kans.....	8,682	1,540	Manistee, Mich.....	12,812	6,930
Hyde Park, Mass.....	10,193	7,088	Mankato, Minn.....	8,838	5,550
Indianapolis, Ind.....	105,436	75,056	Mansfield, Ohio.....	13,473	9,859
Ironton, Ohio.....	10,339	8,857	Marblehead, Mass.....	8,202	7,467
Iron Mountain, Mich.....	8,599	(a)	Marietta, Ohio.....	8,273	5,444
Ishpeming, Mich.....	11,197	6,039	Marinette, Wis.....	11,523	2,750
Ithaca, N. Y.....	11,079	9,105	Marion, Ind.....	8,769	3,182
Jackson, Mich.....	20,798	16,105	Marion, Ohio.....	8,327	3,699

POPULATION OF CITIES AND TOWNS—Continued.

CITIES AND TOWNS.	POPULATION.		CITIES AND TOWNS.	POPULATION.	
	1890	1880		1890	1880
Marlborough, Mass.....	13,805	10,127	Ottawa City, Ill.....	9,985	7,834
Marquette, Mich.....	9,093	4,690	Ottumwa, Iowa.....	14,001	9,004
Marshalltown, Iowa.....	8,914	6,240	Owensborough, Ky.....	9,837	6,231
Massillon, Ohio.....	10,092	6,836	Paducah, Ky.....	13,076	8,086
Meadville, Pa.....	9,520	8,860	Paris, Texas.....	8,254	3,980
Medford, Mass.....	11,079	7,573	Parkersburg, W. Va.....	8,408	6,582
Melrose, Mass.....	8,519	4,560	Passaic, N. J.....	13,028	6,582
Memphis, Tenn.....	64,495	33,592	Paterson, N. J.....	78,347	51,081
Menominee, Mich.....	10,630	3,288	Pawtucket, R. I.....	27,633	19,080
Meriden, Conn.....	21,652	15,540	Peabody, Mass.....	10,158	9,028
Meridian, Miss.....	10,624	4,008	Peekskill, N. Y.....	9,676	6,893
Michigan City, Ind.....	10,776	7,366	Pensacola, Fla.....	11,750	6,845
Middletown, Conn.....	9,013	6,826	Peoria, Ill.....	41,024	29,259
Middletown, N. Y.....	11,977	8,494	Perth Amboy, N. J.....	9,512	4,808
Millford, Mass.....	8,780	9,310	Petersburg, Va.....	22,680	21,656
Millville, N. J.....	10,002	7,660	Philadelphia, Pa.....	1,046,964	847,170
Millwaukee, Wis.....	204,468	115,587	Phillipsburg, N. J.....	8,644	7,181
Minneapolis, Minn.....	164,738	46,887	Phoenixville, Pa.....	8,514	6,682
Moberly, Mo.....	8,215	6,070	Pine Bluff, Ark.....	9,952	3,203
Mobile, Ala.....	31,076	29,132	Piqua, Ohio.....	9,080	6,031
Moline, Ill.....	12,000	7,800	Pittsburgh, Pa.....	238,617	156,389
Montgomery, Ala.....	21,883	16,713	Pittsfield, Mass.....	17,281	13,364
Mount Carmel, Pa.....	8,254	2,378	Pittston, Pa.....	10,302	7,472
Mount Vernon, N. Y.....	10,677	4,586	Plainfield, N. J.....	11,267	8,125
Muncie, Ind.....	11,345	5,219	Plattsmouth, Neb.....	8,392	4,175
Muscatine, Iowa.....	11,454	8,295	Plymouth, Pa.....	9,344	6,065
Muskegon, Mich.....	22,702	11,262	Port Huron, Mich.....	13,543	8,893
Nanticoke, Pa.....	10,044	3,884	Port Jervis, N. Y.....	9,327	8,678
Nashua, N. H.....	19,311	13,397	Portland, Me.....	36,425	33,810
Nashville, Tenn.....	76,168	43,350	Portland, Ore.....	46,385	17,577
Natchez, Miss.....	10,101	7,058	Portsmouth, N. H.....	9,827	9,690
Natick, Mass.....	9,118	8,479	Portsmouth, Ohio.....	12,394	11,321
Nebraska City, Neb.....	11,494	4,183	Portsmouth, Va.....	18,268	11,390
New Albany, Ind.....	21,059	16,423	Pottstown, Pa.....	18,285	5,305
Newark, N. J.....	181,630	136,508	Pottsville, Pa.....	14,117	13,253
Newark, Ohio.....	14,270	9,600	Poughkeepsie, N. Y.....	22,207	20,207
New Bedford, Mass.....	40,733	26,845	Providence, R. I.....	132,146	104,857
New Brighton, N. Y.....	16,423	12,679	Pueblo, Colo.....	24,538	3,217
New Britain, Conn (e).....	19,007	11,800	Quincy, Ill.....	31,494	27,268
New Brunswick, N. J.....	18,603	17,166	Quincy, Mass.....	16,723	10,570
Newburg, N. Y.....	23,087	18,049	Racine, Wis.....	21,014	16,031
Newburyport, Mass.....	13,947	13,538	Raleigh, N. C.....	12,678	9,265
Newcastle, Pa.....	11,600	8,418	Reading, Pa.....	58,661	43,278
New Haven, Conn.....	81,298	62,882	Richmond, Ind.....	16,608	12,742
New London, Conn.....	13,757	10,537	Richmond, Va.....	81,388	63,600
New Orleans, La.....	242,039	216,090	Roanoke, Va.....	16,159	(a)
Newport, Ky.....	24,918	20,433	Rochester, N. Y.....	133,896	89,366
Newport, R. I.....	19,457	15,693	Rockford, Ill.....	23,584	13,129
New Rochelle, N. Y.....	8,318	5,276	Rock Island, Ill.....	13,634	11,659
Newton, Mass.....	24,379	16,995	Rockland, Maine.....	8,174	7,599
New York, N. Y.....	1,515,301	1,206,299	Rome, N. Y.....	14,901	12,194
Norfolk, Va.....	21,966	21,966	Rutland, Vt.....	11,760	12,149
Norristown, Pa.....	19,791	13,063	Sacramento, Cal.....	26,386	21,420
North Adams, Mass.....	16,074	10,191	Saginaw, Mich.....	46,322	29,541
Northampton, Mass.....	14,990	12,172	Saint Joseph, Mo.....	52,324	32,431
Norwalk, Conn.....	17,747	13,956	Saint Louis, Mo.....	451,770	350,518
Norwich, Conn.....	16,156	15,112	Saint Paul, Minn.....	133,156	41,473
Oakland, Cal.....	48,682	34,555	Salem, Mass.....	30,801	27,563
Ogden, Utah.....	14,889	6,069	Salt Lake City, Utah.....	44,843	20,768
Ogdensburg, N. Y.....	11,662	10,341	San Antonio, Tex.....	37,673	20,550
Oil City, Pa.....	10,932	7,315	San Diego, Cal.....	16,159	2,637
Omaha, Neb.....	140,452	30,518	Sandusky, Ohio.....	18,471	15,838
Orange, N. J.....	18,844	13,207	San Francisco, Cal.....	298,997	233,959
Oshkosh, Wis.....	22,836	15,748	San Jose, Cal.....	18,060	12,567
Oswego, N. Y.....	21,842	21,116	Saratoga Springs, N. Y.....	11,975	8,421

POPULATION OF CITIES AND TOWNS—Continued.

CITIES AND TOWNS.	POPULATION.		CITIES AND TOWNS.	POPULATION.	
	1890	1880		1890	1880
Savannah, Ga.....	43,189	30,709	Trenton, N. J.....	57,458	29,910
Schenectady, N. Y.....	19,502	13,655	Troy, N. Y.....	60,956	56,747
Scranton, Pa.....	75,215	45,850	Union, N. J.....	10,643	5,849
Seattle, Wash.....	42,837	3,533	Utica, N. Y.....	44,007	33,914
Sedalia, Mo.....	14,068	9,561	Vernon, Conn.....	8,508	6,915
Shamokin, Pa.....	14,403	8,184	Vicksburg, Miss.....	13,373	11,814
Sheboygan, Wis.....	16,359	7,314	Vincennes, Ind.....	8,853	7,080
Shenandoah, Pa.....	15,944	10,147	Waco, Tex.....	14,445	7,295
Shreveport, La.....	11,979	8,009	Waltham, Mass.....	18,707	11,712
Sing Sing, N. Y.....	9,352	6,578	Warwick, R. I.....	17,761	12,164
Sioux City, Iowa.....	37,806	7,366	Washington, D. C.....	230,392	177,624
Sioux Falls, S. Dak.....	10,177	2,164	Waterbury, Conn.....	28,646	17,806
Somerville, Mass.....	40,152	24,933	Watertown, N. Y.....	14,725	10,697
South Bend, Ind.....	21,819	13,280	Watertown, Wis.....	8,755	7,893
South Bethlehem, Pa.....	10,302	4,925	Wausau, Wis.....	9,253	4,277
South Omaha, Neb.....	8,062	(a)	West Bay City, Mich.....	12,981	6,397
Spencer, Mass.....	8,747	7,466	West Chester, Pa.....	8,028	7,046
Spokane Falls, Wash.....	19,922	350	Westfield, Mass.....	9,805	7,587
Springfield, Ill.....	24,963	19,743	West Troy, N. Y.....	12,967	8,820
Springfield, Mass.....	44,179	33,340	Weymouth, Mass.....	10,866	10,570
Springfield, Mo.....	21,850	6,522	Wheeling, W. Va.....	35,013	30,737
Springfield, Ohio.....	31,895	20,730	Wichita, Kans.....	23,853	4,911
Stamford, Conn.....	15,700	11,297	Wilkesbarre, Pa.....	37,718	21,339
Steelton, Pa.....	9,250	2,447	Williamsport, Pa.....	27,132	18,934
Stenbenville, Ohio.....	13,394	12,093	Willmantic, Conn.....	8,648	6,608
Stillwater, Minn.....	11,260	9,055	Wilmington, Del.....	61,431	42,478
Stockton, Cal.....	14,424	10,282	Wilmington, N. C.....	20,056	17,350
Streator, Ill.....	11,414	5,157	Winona, Minn.....	18,208	10,208
Superior, Wis.....	11,983	(a)	Winston, N. C.....	8,018	2,854
Syracuse, N. Y.....	88,143	51,792	Woburn, Mass.....	13,499	10,934
Tacoma, Wash.....	36,006	1,098	Woonsocket, R. I.....	20,830	16,050
Taunton, Mass.....	25,448	21,213	Worcester, Mass.....	84,655	58,291
Terre Haute, Ind.....	30,217	26,042	Yonkers, N. Y.....	32,033	18,892
Tiffin, Ohio.....	10,801	7,879	York, Pa.....	20,793	13,940
Titusville, Pa.....	8,073	9,046	Youngstown, Ohio.....	38,220	15,435
Toledo, Ohio.....	81,434	50,137	Zanesville, Ohio.....	21,009	18,113
Topeka, Kans.....	31,007	15,452			

(a) No population for 1880.

(b) Decrease.

(c) Estimated.

(d) Includes 13,048 population which by recent decision of the Missouri State Supreme Court is now outside the limits of Kansas City.

(e) Includes New Britain city, not separately returned.

RULES AND REGULATIONS
OF THE
CINCINNATI CHAMBER OF COMMERCE
AND
MERCHANTS' EXCHANGE.

RULES AND REGULATIONS
OF THE
CINCINNATI CHAMBER OF COMMERCE
AND
MERCHANTS' EXCHANGE,
FOR THE
GOVERNMENT OF VARIOUS DEPARTMENTS OF TRADE.

IN FORCE MARCH 1, 1892.

RULES REGARDING SALES OF HIGHWINES.

RULE 1. Sales of Highwines made "subject to the market," must not be entered with the price affixed. In order to avoid duplication in the sale of Highwines, the person reporting such sale will furnish the name of both buyer and seller, together with the brand of the same.

RULE 2. No sales, aside from those actually made at a fixed price, and for cash, shall in any way affect the market price—by cash being understood, payment the second day after delivery.

RULE 3. Each and every sale of Highwines shall be entered separately.

* **RULE 4.** Highwines sold to arrive must be entered with the condition annexed, but shall not affect the market price, but any seller of Highwines, when the terms of sale require delivery at the store of the buyer, can, if mutually agreed, have until noon of the following day to deliver; provided, such Highwines are actually in bond, and the sale is made during 'Change hours, and such a sale shall not be held to be a sale to arrive.

RULE 5. Highwines thirty days old and older shall be quoted as "old" Highwines, without price affixed.

RULE 6. When Highwines are engaged subject to agreement in price, the price may be settled on arrival and quoted.

RULE 7. Transactions between Highwine Commission Merchants, or between Distillers, or between Distillers and Highwine Commission Merchants, can not be quoted; nor can those between Rectifiers or Wholesale Dealers, or Rectifiers and Wholesale Dealers.

RULE 8. Sales made after sounding of the gong can not be quoted on the same day.

RULE 9. The majority of actual sales at a fixed price, not excepted as heretofore, shall make the market price.

RULE 10. Where there are no actual transactions at a fixed price reported, all settlements of sales "at the market," shall be at the price of the previous day.

RULE 11. All Highwines shall be gauged on the day of sale.

† **RULE 12.** The quotations on the books of the Chamber, of sales of Highwines and whisky, shall be for sales, in the re-inspection of which, at the buyer's house, there shall be used the United States Government instruments and manual, and exact fractions shall be computed down to tenths.

‡ **RULE 13.** *Distillers' Finished Goods.*—Distillers can quote their aggregate sales of finished goods on any one day by giving the total number of barrels, and the basis price on which such sales are made, or, if based on different prices, the total number of barrels at each basis. Sales can not be quoted after the sounding of the gong; and the majority of the sales at a certain basis shall make the Distillers' basis for the day.

* As amended November 22, to take effect December 1, 1879.

† Adopted January 14, 1880.

‡ Adopted June 7, 1887.

*RULES FOR THE REGULATION OF THE GRAIN TRADE IN CINCINNATI.

RULE I.—COMMITTEE ON GRAIN INSPECTION.

SECTION 1, R. 1.—*Appointment of.*—The Board of Directors shall annually, in the month of October, appoint a Committee on Grain Inspection, consisting of five (5) members, and all of whom shall be dealers in grain.

SEC. 2, R. 1.—*Duties of Committee.*—It shall be the duty of the Committee on Grain Inspection to hear, consider and determine all disputes, differences and controversies arising between members of the grain trade growing out of contracts made under the rules regulating the grain trade of Cincinnati that may be voluntarily submitted to it, and to discharge all such other duties as may be imposed upon it by the rules and regulations of the Chamber of Commerce of Cincinnati.

SEC. 3, R. 1.—*Quorum.*—Three members of the Committee on Grain Inspection shall constitute a quorum for the transaction of business.

SEC. 4, R. 1.—*Temporary Vacancies Filled.*—All temporary vacancies in the Committee on Grain Inspection when it has met for the transaction of business may be filled by the quorum of members present, if so requested, by both parties, and shall be filled by the President of the Chamber of Commerce, if either of said parties litigating request it, before the case is stated. Such temporary appointees shall sit on said committee only during the absence or other inability of the committeemen to be present and serve. Providing that said temporary appointees shall not retire from said committee during a trial or the hearing of any matter then before it—although the regular committeeman shall appear and be ready to serve—and that all such vacancies shall be filled by members representing the same business as the absent members of the committee.

SEC. 5, R. 1.—*How Controversies Submitted to the Committee.*—Any party who desires to submit any controversy under the rules regulating the grain trade of Cincinnati to the Committee on Grain Inspection for determination, shall file with the said committee a written statement of his claim, which statement must contain—

1. The name of the firm or parties making the complaint, and who shall be known as the "complainants;"
2. The name of the firm or parties against whom the complaint is made, and who shall be known as the "respondents;"
3. A statement of the facts constituting the cause of complaint in ordinary and concise language;
4. A demand of the relief to which the party supposes himself entitled.

This written statement shall be known as the "petition," and no other written statement shall be required to be filed by either complainant or respondent.

SEC. 6, R. 1.—*Notice of Time of Hearing.*—Upon said petition named in Section 5 of this rule being filed, it shall be the duty of said committee to give notice of the time and place set for the hearing of said case. Such notice shall give the names of the parties, complainant and respondent, and shall succinctly state the cause of complaint and the relief demanded. This notice shall be served upon the parties in the manner provided for by Section 1 of Rule XIV.

SEC. 7, R. 1.—*Adjournments.*—The committee may, at its discretion, adjourn the time for the hearing of any case, and, after the hearing has commenced, may adjourn from time to time the further hearing thereof to such time as it may deem best.

SEC. 8, R. 1.—*Trial.*—On the trial of any case before said committee, the complainant, or any one of them, if more than one, shall first state his case fully and the evidence by which he proposes to sustain his case, giving the names of the witnesses and what he believes each witness will testify to. The respondent, or any one of them, if more than one, shall then state his answer fully, and what he claims in the transaction, and the evidence by which he proposes to sustain his side of the case, giving the names of the witnesses and what he believes each witness will testify to. The decision of a majority of the committee present and trying the case shall be held as valid and binding, and shall be entered of record in the records of said committee.

* Adopted by the Board of Directors, March 20, 1883, to take effect April 15, 1883.

SEC. 9, R. 1.—*Notice of Decision.*—Written notice of any final decision rendered by said committee shall be given to the parties, complainant and respondent, immediately upon the rendering of the same.

SEC. 10, R. 1.—*Appeal and Notice Thereof.*—Any party to the controversy who may feel aggrieved by the final decision of the Committee on Grain Inspection may appeal the case to the Committee of Arbitration within three days after the delivery of the decision. Notice of said appeal must be made to the Superintendent in writing by the party appealing.

SEC. 11, R. 1.—*Record.*—The Committee on Grain Inspection shall keep a record of its proceedings, and shall leave the same with the Superintendent of the Chamber of Commerce. Said record may be inspected by any member upon application to the said Superintendent.

RULE II.—INSPECTOR OF GRAIN.

SECTION 1, R. 2.—*Appointment and Duties.*—The Board of Directors shall annually, on the second Tuesday in October, or in case of failure to appoint at that time, at any meeting thereafter, appoint a suitable and competent person as Inspector of Grain.

SEC. 2, R. 2.—*Duties of Inspector.*—It shall be the duty of the Inspector to inspect, sample and grade, according to the classifications which may be adopted, from time to time, by the Chamber of Commerce, all grain received in this city, in bulk, except corn on the ear, and grain in transitu, and also except consignments to parties, who, on application to the Inspector, may direct him not to inspect their bulk grain without special instructions; and to inspect any other grain when called on to do so by the consignee or purchaser; also, all grain sent by transportation lines, to be stored in elevators or public warehouses, without the consent or knowledge of the consignees. He shall also furnish samples, with grading and car numbers, to consignees, when desired. Inspection to be at the expense of the receiver or consignee.

SEC. 3, R. 2.—*Access to Grain Inspected.*—The Inspector shall have free access to all grain that has been inspected by him, stored in any warehouse or elevator; and when such grain is to be removed from such warehouse or elevator, shall, when called upon so to do by any party interested, re-inspect the same.

SEC. 4, R. 2.—*Certificate of Inspection.*—A certificate of inspection shall be furnished when required by the party ordering the inspection.

SEC. 5, R. 2.—*Inspection of Grain sold by Sample.*—Upon any difference of opinion between buyer and seller, when grain has been sold by sample, the Inspector may be called upon to determine the same in manner provided for by Section 4 of Rule VII.

SEC. 6, R. 2.—*When not to Inspect Grain.*—The Grain Inspector shall not inspect grain at any elevator or warehouse, or for any party, unless the proprietor or manager of such elevator or warehouse, or other party desiring his services, shall conform to the rules in reference to inspections established by the Chamber of Commerce.

SEC. 7, R. 2.—*Inspector not to Trade, etc.*—The Grain Inspector shall not be allowed to trade in any article of which he is the Inspector.

SEC. 8, R. 2.—*Fees of Inspector.*—The fees of the Inspector shall be as follows:

Thirty (30) cents per car, and fifty (50) cents per midship of canal boats, to all who shall give him permission to inspect all their consignments of bulk grain.

In sacks, the charge may be one (1) cent per sack, for the first one hundred sacks, and one-half ($\frac{1}{2}$) cent per sack for any additional number inspected in one place at one time.

The Inspector shall be privileged to charge one dollar (\$1 00) per car and one dollar (\$1 00) per midship to those for whom he does not uniformly inspect bulk grain, as contemplated in the exception named in Rule II.

For Mill Feed, the fees shall be as follows:

In bulk, one dollar (\$1 00) per car load; in sacks, one (1) cent per sack.

SEC. 9, R. 2.—*Grain in Bags.*—All grain inspected in bags will be graded by the lowest grade found.

SEC. 10, R. 2.—*Inspection at Request of Buyer or Seller.*—The buyer or seller shall have the right to call the Inspector to inspect grain purchased or sold—under the rules regulating the grain trade of Cincinnati—and when so called upon, it shall be the duty of the Inspector to make said inspection as soon as practicable.

SEC. 11, R. 2.—*Where Inspection to be Made.*—All inspections of grain by the Inspector shall be made at the place of delivery, unless otherwise agreed upon by the parties.

SEC. 12, R. 2.—*Controversies Referred to Grain Inspector.*—All controversies between the buyer or seller, or other parties, as to the grade of grain purchased, sold, tendered, or delivered, under the rules regulating the grain trade of Cincinnati, shall, at the option of either party, be referred to the Grain Inspector, who shall inspect the grain and determine the controversy, and his decision shall be valid and binding upon the parties. If the grain be not up to grade, the expense of such inspection shall be paid by the seller or party delivering or tendering the grain, unless otherwise agreed upon.

SEC. 13, R. 2.—*Appeals.*—Any party thinking himself aggrieved by any decision of the Inspector, may appeal to the Committee on Grain Inspection, who shall hear and determine the case—but such appeal shall be perfected within twenty-four hours from the date of the decision of the Grain Inspector.

SEC. 14, R. 2.—*Appeals, how Perfected.*—Any party desiring to appeal from the decision of the Grain Inspector to the Committee on Grain Inspection, shall proceed in manner and form as provided in Section 5, Rule I, for the submission of controversies to said committee. When said petition is filed, and written notice thereof given to the respondent by the party appealing, the appeal shall then be held to be perfected.

RULE III.—CLASSIFICATION OF GRAIN.

SECTION 1, R. 3.—WINTER WHEAT.

No. 1 WHITE.—Shall be pure white, bright, sound, reasonably plump, free from smut and other grain, and well cleaned, and shall weigh not less than sixty (60) pounds to the measured bushel.

No. 2 WHITE.—Shall be white, sound and reasonably clean, and shall weigh not less than fifty-eight (58) pounds to the measured bushel.

No. 1 HARD WINTER.—Shall be pure red, composed of Mediterranean, Lancaster and other hard varieties, sound, reasonably plump, well cleaned, and free from smut and other grain, and shall weigh not less than sixty (60) pounds to the measured bushel.

No. 2 HARD WINTER.—Shall be red, composed mainly of the same varieties as No. 1 hard, sound, and reasonably clean, and shall weigh not less than fifty-eight (58) pounds to the measured bushel.

No. 1 RED.—Shall be red and amber, sound, reasonably plump, well cleaned, and free from smut or other grain, and shall weigh not less than sixty (60) pounds to the measured bushel.

No. 2 RED.—Shall be red and amber, and may contain not over ten (10) per cent. of white wheat; shall be sound and reasonably clean, and shall weigh not less than fifty-eight (58) pounds to the measured bushel.

No. 3. RED.—Shall include all sound wheat of any color not fit for higher grades, and not so much damaged from any cause as to be unfit for flouring, and shall weigh not less than fifty-five (55) pounds to the measured bushel.

MIXED WINTER.—Shall be winter wheat, red, amber or white wheat mixed, and shall be equal to No. 2 red wheat in all other respects.

REJECTED.—Shall include all wheat so badly damaged, from any cause, as to render it unfit for No. 3.

*TURKISH WINTER.—The grades of Numbers 1, 2 and 3, mixed, and rejected, shall correspond with our same grades of regular winter wheat, except that they shall be of the Turkish variety, or mixtures thereof with other wheat.

SECTION 2, R. 3.—SPRING WHEAT.

No. 1.—Shall be bright, sound, plump, and well cleaned; and shall weigh not less than fifty-eight (58) pounds to the measured bushel.

No. 2.—Shall be sound, reasonably clean and reasonably free from other grain; and shall weigh not less than fifty-six (56) pounds to the measured bushel.

No. 3.—Shall include all sound, inferior, shrunken or dirty wheat, not so much damaged, from any cause, as to be unfit for flouring; and shall weigh not less than fifty-four (54) pounds to the measured bushel.

REJECTED.—Shall include all wheat so badly damaged, from any cause, as to render it unfit for No. 3.

In all cases where spring and winter wheat have been mixed, it shall be called spring wheat, and graded according to quality.

* Adopted October 30, 1883, to take effect November 1, 1883.

SECTION 3, R. 3.—CORN.

No. 1 WHITE.—Shall be white, sound, dry, plump, and well cleaned.

No. 2 WHITE.—Shall be white, sound, dry, and reasonably clean, but may contain a limited number of colored grains.

*No. 3 WHITE.—Shall be equal to No. 2, except that it may contain slightly damp corn, and a few shrunken and rotten grains.

†No. 2 WHITE MIXED.—Shall be mainly white, sound, dry, and reasonably clean, and may contain ten per cent. of colored grains.

No. 1 YELLOW.—Shall be yellow, sound, dry, plump, and well cleaned.

No. 2 YELLOW.—Shall be yellow, sound, dry, and reasonably clean, but may contain a limited number of white or colored grains, other than yellow.

‡No. 3 YELLOW.—Shall be pure yellow, sound, reasonably clean, may be slightly damp, and may contain a limited number of rotten grains.

No. 1 MIXED.—Shall be mixed, sound, dry, plump, and well cleaned.

No. 2 MIXED.—Shall be mixed, sound, dry, and reasonably clean, but not equal to No. 1 corn.

No. 3 MIXED.—Shall be equal to No. 2, except that it may contain slightly damp corn, and a few shrunken and rotten grains.

REJECTED.—Shall include all corn, from any cause, below the grade of No. 3.

SECTION 4, R. 3.—OATS.

No. 1 WHITE.—Shall be pure white, sound, bright, free from other grain, and well cleaned.

No. 2 WHITE.—Shall be white, sound, and reasonably clean, but may contain a limited number of colored oats or other grain.

No. 3 WHITE.—Shall include all light weight and stained oats not fit for No. 2.

No. 1 MIXED.—Shall be sound, bright, free from other grain, and well cleaned.

No. 2 MIXED.—Shall be sound, reasonably clean, and reasonably free from other grain.

No. 3 MIXED.—Shall include all light weight and stained oats not fit for No. 2.

REJECTED.—Shall include all oats, dirty or badly mixed with other grain, or for any cause below No. 3.

SECTION 5, R. 3.—RYE.

No. 1.—Shall be sound, plump, and well cleaned.

No. 2.—Shall be sound, reasonably clean, and not too much mixed with other grain.

No. 3.—Shall include all sound, inferior, shrunken, dirty, or slightly damp rye, not so much damaged, from any cause, as to be unfit for milling or distilling purposes.

REJECTED.—Shall include all rye which is damp, musty, dirty, or for any other cause unfit for No. 3.

SECTION 6, R. 3.—WINTER BARLEY.

No. 1 WINTER.—Shall be sound, plump, clean, bright, and free from other grain.

No. 2 WINTER.—Shall be sound and reasonably clean, but not bright or plump enough for No. 1 (may be slightly broken), and reasonably free from other grain, and shall weigh not less than forty-eight (48) pounds to the measured bushel.

No. 3 WINTER.—Shall include shrunken or otherwise slightly damaged barley; may be slightly mixed with other grain, but not unfit for malting, and shall weigh not less than forty-four (44) pounds to the measured bushel.

EXTRA No. 3 WINTER.—Shall be sound, and may be somewhat stained, but otherwise, except as to weight, equal to No. 2, and shall weigh not less than forty-six (46) pounds to the measured bushel.

SECTION 7, R. 3.—SPRING BARLEY.

No. 1 SPRING.—Shall be same as No. 1 Winter.

No. 2 SPRING.—Shall be same as No. 2 Winter.

No. 3 SPRING.—Shall be same as No. 3 Winter.

EXTRA No. 3 SPRING.—Shall be same as Extra No. 3 Winter.

REJECTED.—Shall include all winter or spring barley, unsound, or below the above standard in other respects.

SECTION 8, R. 3.

No hot grain of any kind will be graded.

* Adopted March 6, 1888.

† Adopted June 15, 1885.

‡ Adopted February 2, 1892.

RULE IV.—ELEVATOR CHARGES.

SECTION 1, R. 4.—*Elevator Charges.*—On all grain, one (1) cent per bushel for the first ten days, or part thereof, and one-third ($\frac{1}{3}$) of one cent for each subsequent ten days, or part thereof, including the delivery in seamless bags. Extra charges for delivery in other kinds of sacks.

RULE V.—MARGINS ON TIME CONTRACTS.

SECTION 1, R. 5.—*Original Margins.*—On all time contracts either party to the contract shall have the right to call upon the other party for original security or margin to an amount not to exceed ten (10) per cent. of the contract price of the property bought or sold; which said ten per cent. may be called for in one or more calls. The party thus calling for original security or margin, shall, if required by the party called, deposit a margin equal in amount to that called for.

SEC. 2, R. 5.—*Additional Margins on Change of Market.*—Either party to a contract, in whose favor the market may be, shall be entitled, at any time before the fulfillment of the same, and after all the original margin has been deposited, to call upon the other party, against whom the market may be, for additional margins to the extent of the difference between the price named in the contract and the market value of the option on the day the call is made, so that the original margin shall be kept good and intact as security for the fulfillment of the contract. Said additional margin is to be deposited by the party only against whom the market may be.

SEC. 3, R. 5.—*Calls for Margins—Contents of.*—All calls for margins shall designate: (1.) Upon what contract the same is made, or upon open deals. (2.) The kind of margin called for—whether original or additional. (3.) The place of deposit. (4.) And the date of the call.

SEC. 4, R. 5.—*Place of Deposit of Margins.*—All securities or margins shall be deposited with the Citizens' National Bank of Cincinnati, unless otherwise agreed upon.

SEC. 5, R. 5.—*Time for Depositing Margins.*—When a call is made for margins, either original or additional, the party called shall make the deposit within the next three (3) banking hours after receiving notice of the call. Provided, however, if the call is made during 'Change hours, the deposit shall be made before three (3) o'clock P. M. the same day.

SEC. 6, R. 5.—*Certificates of Deposit.*—All parties who receive deposits of margins shall issue certificates in duplicate, not transferable, for all such deposits. Said certificates shall state by whom the deposit was made, for whose security the same is held, the amount of the deposit, and whether it be original or additional margins; that the deposit has been made under the rules of the Chamber of Commerce of Cincinnati, and is payable upon the return of the certificate or its duplicate, duly indorsed by the parties to the contract or contracts, or on the order of the President of the Chamber of Commerce, duly indorsed thereon, or on return of the original certificate, the duplicate remaining with the party holding the deposit and not covered on call by an equal deposit of original margins within the time provided for in Section five (5) of this rule; as provided for in the rules of the Chamber of Commerce of Cincinnati regulating the grain trade. Said certificate shall be in the following form, to wit:

ORIGINAL (or) DUPLICATE.

Not Negotiable or Transferable.

CINCINNATI, _____, 18—.

_____ has deposited with _____, _____ dollars, as original or additional margin or security on a contract or contracts between the depositors and _____, which amount is payable on the return of this certificate or its duplicate duly indorsed by both of the above named parties, or on the order of the President of the Chamber of Commerce of the City of Cincinnati, indorsed on either the original or duplicate hereof, or the duplicate remaining with _____, and not covered by deposit of an equal original margin, by _____ o'clock, —. M., on the _____ day of _____, 18—, on return of this original certificate, as provided by the rules of the said Chamber of Commerce, under which the above named deposit has been made.

By _____, Cashier.

SEC. 7, R. 5.—*Deposits Security for What Contracts.*—All deposits so made shall be held to have been made as security for the faithful fulfillment of any contracts made, or to be made, between the parties during the time the deposit shall remain unpaid. *Provided*, it shall be competent for either party to a contract to demand that the certificate shall express the particular contract upon which the deposit shall have been made, and in such case the deposit shall be applicable only to the settlement of that contract.

SEC. 8, R. 5.—*Notice of the Deposit of Margins.*—The party who deposits margins under this rule shall forthwith, after making such deposit, give notice of the same to the party calling by depositing the duplicate certificate provided for in Section six (6) of this rule with the party calling, or with his authorized representative, or with any clerk representing the party on 'Change, or by leaving it at his usual place of business in Cincinnati; and, in case the party calling shall not be known to have a usual place of business in Cincinnati, such duplicate certificate may then be left with the Superintendent of the Chamber of Commerce. *Provided, however,* if the party depositing original margin calls the other party for an equal original margin, then the duplicate certificate shall be left with the party holding the deposits, and notice thereof shall be forthwith given with the notice of the call by the party thus calling for an equal original margin in the manner provided for by Section 1 of Rule XIV.

SEC. 9, R. 5.—*Failure to Deposit Original or Additional Margins.*—Any party who shall contract to buy or sell property and who shall fail to respond within the time provided in Section five (5) of this rule after having been called upon for either original or additional margins, shall be judged to have broken his contract. And in such case the party who has called for such margins shall have the right, at his option: (1,) if he be the seller, to resell the property for account of the delinquent, on the same or the next business day after the call is made, such resale to be for the same delivery as named in the original contract; or, (2,) if he be the buyer, to repurchase the property for account of the delinquent, on the same or the next business day after the call is made, deliverable at the time named in the original contract; and all differences between the contract price and the price at which the property may have been sold or bought (as the case may be) in consequence of such default, shall constitute the rule and measure of damages against the party in default; or, (3,) the party calling may consider the contract then terminated as of the date of the call, and the amount to be paid upon the contract, in such last named case, shall be the difference between the market value at the date of the call and the contract price of the article bought or sold, and said difference shall be immediately due and payable; in case the parties do not agree upon this difference within three (3) business days thereafter, then the matter may, by either party, be referred to the Committee on Grain Inspection for determination. The party calling for margins shall at once (on failure of the party called to respond as aforesaid) notify the said party what action under this section he elects to take. *Provided, however,* the party calling may elect to permit the contract to stand, in which case no notice to that effect shall be necessary to the delinquent; but, in such case, if the call upon which default was made was for an equal original margin, then the party calling may have a release of original margin as provided for in Sections 13 and 14 of Rule V, as the case may be.

SEC. 10, R. 5.—*Excessive Calls for Additional Margin.*—When any party to a contract upon whom a call for additional margin has been made considers the call excessive, he shall forthwith (1,) give written notice to the party calling that he considers the call excessive, and that he desires to submit the question to the Committee on Grain Inspection, and (2,) he shall at once submit the matter to said committee, in manner provided for in Section 5 of Rule I. The said committee shall, as soon as practicable, determine the proper amount of margin to be deposited on such call. If the margin required by the committee is not deposited within one (1) banking hour after its decision has been made and notice thereof given to the party upon whom the call is made, the party calling may proceed, at his option, under Section 9 of Rule V, as though no reference had been made to the Committee on Grain Inspection.

SEC. 11, R. 5.—*Release of Excessive Original Margins.*—In case it should appear that, by reason of delivery upon or the settlement of a portion of the contracts upon which original margins or securities have been deposited are properly applicable, a larger sum remains on deposit than is necessary for the proper security of unadjusted contracts, either party shall have the right to demand that such portion of the margins be released, and, in the event of either party refusing to release such portion of the margins, the party asking for same may apply to the Committee on Grain Inspection for relief, who shall have the power to estimate and determine the value of the property for marginal purposes, covered by any contract upon which the deposit has been made, and to direct the payment of such portion of the margin as may, in their judgment, be proper to the party making the application. Upon request of either party, said committee shall deliver a certified copy of said decision to the President of the Chamber of Commerce, whereupon the said President shall indorse on either the original or duplicate certificate an order for the payment of the amount of the original margin to be released and paid, and issue a duplicate of said order to the party holding said certificate for delivery to the party holding said deposit; said duplicate order shall be sufficient warrant to the party holding the deposit to pay said sum so indorsed in accordance with said order.

SEC. 12, R. 5.—*Release of Excessive Additional Margins.*—When additional margins have been called and deposited under Section 2 of Rule V, and the market shall recede or advance to the extent of such additional deposits, or any of them, then such additional deposit or deposits may be withdrawn by the party making the same, with the consent of the other party to the contract, evidenced by the indorsement of the margin receipt; and in case such withdrawal is objected to by the other party, the party claiming the same may apply to the Committee on Grain Inspection, who shall have the power to estimate and determine the value of the property for marginal purposes covered by any contract upon which the deposit has been made, and to direct the payment of the deposit or deposits to the party claiming the same. Upon the request of either party, said committee shall deliver a certified copy of said decision to the President of the Chamber of Commerce. Whereupon the said President shall indorse on either the original or duplicate certificate an order for the repayment of said additional margin, and such order shall be sufficient warrant to the party holding the deposit to pay said sum so indorsed in accordance with said order.

SEC. 13, R. 5.—*Release of an Original Margin on Default before Duplicate Receipt has been Delivered.*—Any party having deposited on call original margin or margins under Section 1 of Rule V, and who has left the duplicate receipt with the party holding the deposit and given the notice thereof, as provided for in Section 8 of Rule V, shall have the right to withdraw said deposit or deposits in case the other party, if called for an equal original margin, fails to deposit the same within the time provided for in Section 5 of Rule V, and the party holding said original margin or margins shall return them upon demand to the party who made the deposit. The party calling for said equal original margin shall also have, at his option, all or any of the rights given to him in Section 9 of Rule V. *Provided, however,* that the right to have an original margin released under this section shall relate only to the particular original margin or margins thus deposited, the duplicate receipt of which remains with the party holding the margin and not covered by an equal deposit after notice given.

SEC. 14, R. 5.—*Release of Original Margins on Default after Duplicate Certificate has been Delivered.*—Any party who deposits an original margin on call and does not at that time call for an equal margin, but delivers the duplicate certificate as provided for in Section 8 of Rule V, shall have the right at any subsequent time to call for an equal original margin, and, in case the same is not deposited within the time provided for in Section 5 of Rule V, the party calling shall have the right to submit the case to the Committee on Grain Inspection. If the committee finds that the call has been regularly made, and the equal original margin was not deposited within the time provided for under Section 5 of Rule V, then the committee shall order the said uncovered original margin or margins to be returned to the party who deposited the same, and shall certify their said order to the President of the Chamber of Commerce. The President of the Chamber of Commerce shall thereupon indorse on the original certificate an order for the repayment of said margin or margins, and said order shall be sufficient warrant to the party holding the deposit to pay the sum so indorsed.

SEC. 15, R. 5.—*Release of Margins, Original and Additional, in Fulfillment of Contract.*—On the fulfillment or settlement of any contract upon which deposits have been made, and when full adjustment of all differences relating to the same shall have been effected, the deposits shall thereupon be payable to the party depositing the same; and the joint indorsement of both parties upon the certificate shall be sufficient authority to the party holding the deposit to pay the same to the holder of the certificate; or, in case of failure between the contracting parties to adjust and settle their respective claims upon the deposit within three (3) business days after the maturity of all contracts upon which the deposit is applicable, the matter in dispute shall, upon the application of either party to such contracts, be submitted to the Committee on Grain Inspection, which committee shall, without unnecessary delay, determine in what manner and to whom the deposit is payable, either wholly or in part. Upon the request of either party, said committee shall deliver a certified copy of said decision to the President of the Chamber of Commerce, whereupon the President shall indorse on either the original or duplicate certificate an order for the payment of such deposit, in accordance with the decision of said committee, and such order shall be sufficient warrant to the party holding the deposit to pay the same in accordance with such order.

SEC. 16, R. 5.—*Duty of President in Regard to Release of Margins.*—In no case shall the President of the Chamber of Commerce indorse an order for the release of any margin—original or additional—until three (3) days have elapsed after the delivery of the decision of the Committee on Grain Inspection. If an appeal has been taken and perfected to the Committee of Arbitration, and written notice thereof given to the President personally, giving also the names of the parties litigant and the substance of the decision appealed from and notice not to make the indorsement, then, in

case the award of the Committee of Arbitration orders any margins to be released or repaid, and the said order is certified to the President, the President shall not indorse said order for the release of the margins until ten (10) days shall have elapsed after the award of the Committee of Arbitration has been formally made known to the parties. If within said ten (10) days next after the award of the Committee of Arbitration has been made known as aforesaid, written notice is served upon the President personally that a bill of exceptions has been filed with the Board of Directors, giving also the names of the parties litigant and the substance of the award and notice not to indorse the same, the President shall withhold the indorsement until after the Board of Directors shall have heard and determined the matter. If at such hearing a new trial be allowed, then the President shall not make such indorsement; but if at said hearing a new trial be not allowed, then the President shall make said indorsement, upon receiving from the party entitled thereto a certified copy of the order of the Board of Directors. *Provided*, that if the party who appeals or files said bills of exceptions fails to serve the President personally with the said written notice above designated within the hereinbefore designated time respectively for perfecting the appeal or filing the bill of exceptions, as the case may be, then the President shall indorse said order, whether an appeal has been perfected or a bill of exceptions has been filed or not, and the party appealing or filing said bill of exceptions shall lose all interest in the money thus ordered to be paid, and shall have no right in any event to recover the same from the party to whom it has been paid or from the party paying the same upon said indorsed order.

SEC. 17, R. 5.—*Value of Property for Marginal Purposes, how Determined.*—In determining the value of property under Rule V, its value in other markets, or for manufacturing or consumptive purposes in this market, together with such other facts as may justly enter into the determination of its value, shall be considered, irrespective of any fictitious price it may at the time be selling for in this market, but nothing contained under Rule V shall be construed as authorizing unjust or unreasonable claims based upon manipulated or fictitious markets. Such values for marginal purposes, in case of disagreement between the parties, shall, at the option of either party, be referred to the Committee on Grain Inspection for determination.

RULE VI.—DELIVERIES.

SECTION 1, R. 6.—*Manner of, Delivery of, and Payment for Grain Sold in Elevator.*—The delivery of grain sold in elevator shall be made by the tender of regular elevator receipts, which shall have three (3) full days' free storage at the time of such tender. Upon such tender being made the contract price of grain thus sold shall be due and payable.

SEC. 2, R. 6.—*Regular Elevator Receipts.*—A regular elevator receipt called for in Section 1 of Rule VI shall be for grain in elevator, in Cincinnati, connected by railroad tracks or canal, and to and from which, said railroad tracks or canal, and said elevator, grain can be directly handled—said elevator to be managed by either a corporation, firm, or individual, for the purpose of carrying on the business of receiving, storing, delivering, and forwarding grain of all kinds. Said corporation, firm, or individual may, in connection therewith, do the business of general storage, warehousemen, and forwarders of all kinds of produce or merchandise—but shall not, on his own account, nor for others, deal as buyers or sellers. *Provided, however*, that before such elevator receipt shall be deliverable on contract the following conditions must be done and had: First, the parties managing such elevator shall have filed with the Board of Directors of the Chamber of Commerce a statement, showing that the said elevator has complied with this Section 2 of Rule VI; and second, the Board of Directors shall have declared by resolution the said elevator regular.

SEC. 3, R. 6.—*Manner of Delivery of and Payment for Grain Sold on Track.*—The delivery of grain sold on track shall be made by the tender of a written order for the property on some standard or broad-gauge railroad company entering and having an office in Cincinnati, properly accepted by such railroad company, together with the certificate of the Grain Inspector. Upon such tender being made, the seller shall have the right to demand of the buyer three-fourths ($\frac{3}{4}$) of the contract price upon a basis of twenty-eight thousand (28,000) pounds per car, and the buyer shall have five (5) days' time in which to furnish seller weights and pay the balance of the contract price. In case weights are not furnished within the said five days, the seller shall have the right to settlement at shippers' weights, when properly certified to and duly tendered.

SEC. 4, R. C.—*Form of Acceptance by the Railroad Company.*—The acceptance by the railroad company called for in Section 3 of Rule VI shall be in the following form, to wit:

CINCINNATI, OHIO, _____, 18—.

The _____ railroad company hereby certifies that the grain covered by the within order has arrived and is now in the possession of the said railroad company in Cincinnati.

(Signed.)

_____ Railroad Company.

By _____, Agent.

SEC. 5, R. 6.—*Penalty for Giving More than One Order for Same Property.*—Any member who shall give more than one order called for under Section 3 of Rule VI for the same lot of grain, and shall receive advances thereon, shall, on conviction thereof, be expelled from the Chamber of Commerce.

SEC. 6, R. 6.—*Time of Delivery on Time Contracts at Buyer's Option.*—On time contracts made between members of the Chamber, when grain is bought at buyer's option, the time of delivery shall be as follows: When the call is made by the buyer before 11 o'clock A. M., the property shall be due and deliverable before 3 o'clock P. M. of the same day; when the call is made after 11 o'clock A. M., the property shall be due and deliverable before 3 o'clock P. M. of the same day, or between 9 o'clock A. M. and 12 o'clock M. of the next day; or the buyer may specify any particular future day, during the term of option, upon which the property shall be due and deliverable, and the property shall be due before 12 o'clock on the day designated. If no call is made, the property shall be deliverable before 12 o'clock M. on the day of maturity of contract, except as to deliveries on the last business day of the month, which shall be delivered as provided for in Section 10, Rule VI.

SEC. 7, R. 6.—*Time of Delivery on Time Contracts at Seller's Option.*—On contracts for grain at seller's option, the seller may deliver the property on any day during the life of the option, between the hours of 9 A. M. and 3 P. M.

SEC. 8, R. 6.—*Time of Delivery on Spot Sales.*—On contracts for grain purchased or sold for spot delivery, the property shall be deliverable before 3 o'clock P. M. of the day of sale, or between 9 and 11 o'clock A. M. of the next business day, except spot sales made on the last business day of the month, which shall be delivered prior to two (2) o'clock P. M. of said day on the floor of the Chamber of Commerce.

SEC. 9, R. 6.—*No Delivery on Sunday, etc.*—When a contract shall mature on Sunday, a legal holiday, or on a day on which there is no meeting of the Chamber, delivery on such contract shall be made on the preceding business day. No property shall be tendered on any day upon which there is no meeting of the Chamber of Commerce.

SEC. 10, R. 6.—*Place of Delivery.*—In all sales of property under the rules regulating the grain trade of Cincinnati, when not otherwise provided for by the terms of the contract, or when notice has not been given, as provided for under Section twelve (12) of Rule six (6), all deliveries and tenders of delivery of property shall be made at the buyer's usual place of business in Cincinnati. In case the buyer has no usual place of business in Cincinnati, then the delivery or tender of delivery to the Superintendent of the Chamber of Commerce of Cincinnati shall be held to be a good, valid and sufficient delivery of such property. *Provided, however,* that all deliveries or tenders of delivery of property made or to be made on the last business day of each month shall be made on the floor of the Chamber of Commerce, between the hours of one (1) and three (3) o'clock P. M. of said day, anything in these rules to the contrary notwithstanding. And it shall be the duty of all members having open deals to be present on said floor in the Chamber of Commerce, either in person or by agent, or by some other authorized party, during said hours, to receive such property when properly tendered.

SEC. 11, R. 6.—*Tender During Temporary Absence of Purchaser.*—*Notice to be Left at Office.*—In the case of the tender of property during the temporary absence of the purchaser from his place of business, notice of such tender shall be left at his office, and he shall have the right to call for the same, and pay for it within one hour thereafter.

SEC. 12, R. 6.—*Notice May be Given of Intended Delivery on 'Change.*—On all time sales the seller may before three (3) o'clock P. M. of the business day next prior to the intended delivery of the property, give notice to the purchaser that he will deliver or tender delivery of the property on 'Change during 'Change hours on the next business day immediately after the date of said notice. *Provided, however,* this section shall not apply when by the terms of the contract a place for the delivery has been agreed upon by the parties.

SEC. 13, R. 6.—*Duty of Purchaser to be Present as Notified.*—It shall be the duty of the purchaser in time sales, when notified as provided in Section twelve (12) of Rule six (6), to be present, either in person or by agent, or by some other authorized party, on 'Change during 'Change hours on the day named in said notice when the said property is to be delivered or tendered.

SEC. 14, R. 6.—*When Notice Not Given Under Section 12 of Rule VI.*—In case the seller does not give the notice designated in Section twelve (12) of Rule six (6), then the purchaser shall not be required to be present on 'Change as required in Section thirteen (13) of Rule six (6), and the delivery of the property in such case shall be as provided for in Section ten (10) of Rule six (6).

SEC. 15, R. 6.—*Default of Delivery After Notice.*—When notice of intention to deliver or tender delivery of property is given under Section twelve (12) of Rule six (6) and the seller fails to deliver or tender delivery of the property, the buyer shall have the right to claim a non-fulfillment of the contract, and he may proceed, under Section sixteen (16) of Rule six (6), the same as if the contract had matured and no delivery made.

SEC. 16, R. 6.—*Failure to Deliver at Maturity of Contract.*—In case any property contracted for future delivery is not delivered at maturity of contract, the purchaser may, at his option: (1.) consider the contract forfeited; or (2.) he may purchase the property in the open market on 'Change the same or next business day for account of the seller, notifying him at once of such purchase; or (3.) he may require a settlement with the seller at the market price on the day of maturity of contract. And in case the parties can not agree upon the said market price within three (3) days after the maturity of the contract, then the matter may be referred by either party to the Committee on Grain Inspection for determination.

SEC. 17, R. 6.—*Failure to Receive and Pay for Property when Tendered.*—In case any property contracted for future delivery is not received and paid for when properly tendered, it shall be the duty of the seller, in order to establish any claim on the purchaser, to sell it at auction during 'Change hours of the same or next business day following after such default shall have been made, notifying the purchaser on the same day of such sale; and any loss resulting to the seller shall be paid by the party in default.

SEC. 18, R. 6.—*Limitations of Sections 16 and 17 of Rule VI.*—Sections sixteen and seventeen (16, 17) of Rule six (6) shall not be construed as authorizing unjust or unreasonable claims, based upon manipulated or fictitious markets, and in case of dispute as to the value or market price of the property bought or sold, the same shall be determined under the limitations and in the manner provided for in Section 17, Rule V.

SEC. 19, R. 6.—*Tender of Higher Grades of Grain.*—On contracts for grain for future delivery, the tender of a higher grade of the same kind of grain than the one contracted for shall be deemed sufficient, provided the higher grade of grain tendered shall not be of a color or quality that will depreciate the value of the other, if mixed.

SEC. 20, R. 6.—*Tender of Grain of Equal Grade by Elevator Companies.*—Elevator companies must deliver grain equal to the standard of the grade called for by the elevator receipt.

SEC. 21, R. 6.—*Delivery in Lots of Five Car Loads.*—The delivery of grain sold in lots of five (5) or more car loads shall be made in lots of not less than five (5) car loads each.

RULE VII.—SALES BY SAMPLE.

SECTION 1, R. 7.—*Not Up to Sample.*—If grain sold by sample should prove not up to sample, the purchaser may demand, within twenty-four hours after notice to the seller, the amount of grain purchased up to sample, or payment of such difference in value as may be established, unless otherwise agreed upon at the time of sale.

SEC. 2, R. 7.—*Sold to Arrive and Not Up to Sample.*—In case grain is sold to arrive, and upon its arrival shall prove not up to sample or grade in which the same has been sold, then the seller shall have twenty-four hours in which to furnish the amount of grain sold up to sample or grade, unless otherwise agreed upon at the time of purchase.

SEC. 3, R. 7.—*When and Where Examined—Accepted or Rejected.*—All grain sold by sample other than that of the Inspector, shall be examined by the purchaser at the place of delivery, and shall be accepted or rejected within forty-eight (48) hours from the time the order is given for the same.

SEC. 4, R. 7.—*Inspector to Decide.*—Upon any difference of opinion between buyer and seller, when grain has been sold by sample, the Inspector may be called upon to decide the case by com-

parison, and in such case the sample may be required by either buyer or seller to be, in the presence of both buyer and seller, furnished the Inspector, who shall inspect it as soon as practicable after the request shall have been made. If not up to sample, the expense of such inspection shall be paid by the seller, unless otherwise agreed upon. Appeal may be had from the decision of the Grain Inspector under this section, as provided for in Section thirteen (13) of Rule two (2).

RULE VIII.—TERMS OF SALE.

SECTION 1, R. 8.—All purchases of grain made, unless otherwise agreed upon, are understood to be for cash, and to be paid for on delivery.

RULE IX.—WEIGHING.

SECTION 1, R. 9.—*Weighing, Where, etc.*—All grain shall be weighed at the place of delivery, by a weigher appointed by the Chamber of Commerce or his duly appointed deputy, upon request of either buyer or seller; the expense of weighing to be borne by the seller, except at elevators and warehouses, where the expense of weighing shall be borne by the party requesting the same, unless otherwise agreed upon.

SEC. 2, R. 9.—*Charge for Weighing.*—The charge for weighing car lots shall not exceed one dollar per car, unless weighed in sacks in store or depots, and then not to exceed one cent per hundred pounds.

RULE X.—AMOUNT OFFERED AT CALL-BOARD.

SECTION 1, R. 10.—All offers of future deliveries of grain on call-board shall be in lots of 2,500 bushels, or any multiple thereof, and all offers of less than five car loads shall not be entertained by the caller.

RULE XI.—CAR LOAD.

* SECTION 1, R. 11.—In sales of car lots of grain to arrive, unless otherwise stated, a car load of corn shall be 28,000 pounds, rye 28,000 pounds, oats 32,000 pounds, wheat 30,000 pounds, and barley 30,000 pounds, any excess or deficiency to be settled at the market ruling on the day of delivery.

RULE XII.—CHANGE HOURS.

SECTION 1, R. 12.—Change hours under the rules for the regulation of the grain trade of Cincinnati shall be held to be from 11.30 A. M. to 1.30 P. M. of each day upon which there is a meeting of the Chamber of Commerce.

RULE XIII.—DISPUTES REFERRED TO THE COMMITTEE ON GRAIN INSPECTION.

SECTION 1, R. 13.—All matters of dispute, difference, or controversy between parties growing out of contracts under the rules regulating the grain trade of Cincinnati not otherwise specially provided for, which the parties do not settle, may, if arbitrated, be referred to the Committee on Grain Inspection, and said committee shall hear and determine the matter, and the decision of said committee shall be valid and binding.

* As amended December 5, 1887. Previous to this, the uniform weight of a car load of grain of any kind was 28,000 pounds.

SEC. 2, R. 13.—*Effect of Offer to Submit Dispute to Grain Committee.*—In case of any disagreement arising from any action taken under these rules, the expressed willingness of either party to the controversy to submit the pending question of difference to the Committee on Grain Inspection or of Arbitration for determination shall be accepted and construed by the Board of Directors as evidence on the part of such member of his readiness to adjust and settle his said disputed obligation, and he shall not, therefore, be subject to discipline for such matter pending such proffered submission if he shall abide by the same in good faith, and, in case of an award promptly perform such award.

RULE XIV.—NOTICES, SERVICE OF.

SECTION 1, R. 14.—*Service of Notices.*—Unless otherwise specially provided, all notices for the call of margin for the closing of contracts, and all notices, for any and all other purposes required to be given by the rules regulating the grain trade of Cincinnati, may be served personally on the party to be notified, or upon his authorized representative, or upon any clerk representing the party on 'Change, or by leaving written notice at the party's usual place of business in Cincinnati; and, in case the party to be notified shall not be known to have a usual place of business in Cincinnati, a written notice left in the office of the Superintendent of the Chamber of Commerce shall be deemed sufficient.

RULE XV.—TIME, HOW COMPUTED.

SECTION 1, R. 15.—*How Time Computed.*—Unless otherwise specially provided, the time within which an act is required by the rules regulating the grain trade of Cincinnati to be done shall be computed by excluding the first day and including the last, and if the last be Sunday, it shall be excluded.

RULE XVI.—CONTRACTS NOT TRANSFERABLE.

SECTION 1, R. 16.—No contract or agreement for the purchase or sale of any property under the rules regulating the grain trade of Cincinnati shall be transferred, assigned, or sold, under any circumstances, without the written consent of all parties to the contract.

RULE XVII.—ELEVATOR MANAGERS TO FURNISH REPORTS, GIVE NOTICE OF CHANGES, ETC.

SECTION 1, R. 17.—*To Furnish Weekly Reports to the Superintendent.*—The managers of regular elevators shall honestly and faithfully furnish to the Superintendent of the Chamber of Commerce all needed information to enable him to keep a correct record and account of all grain, together with the grade thereof, received and delivered by them weekly, and of that remaining in store at close of each week. And it shall be the duty of the Superintendent of the Chamber of Commerce to aggregate such records and to post them in a public place in the Chamber of Commerce, on the first business day of each week.

SEC. 2, R. 17.—*To Publish Damage to Grain Held in Store.*—Managers of such elevators shall promptly, by proper publication, advise the trade and the public of any damage to grain held in store by them, whenever such damage shall occur to any extent, that will render them unwilling to purchase and withdraw from store at their own cost all such damaged grain.

SEC. 3, R. 17.—*Important Changes in Condition of Elevator, or Disregard or Evasion of Requirements.*—Any important change in the condition of any elevator, or disregard or evasion of the above requirements, shall at any time be a sufficient cause for the Board of Directors to declare such elevator no longer regular within the meaning of the Rules of the Chamber of Commerce.

RULES FOR THE GOVERNMENT OF THE HAY TRADE.

The Board of Officers of the Cincinnati Chamber of Commerce, on the second day of May, 1882, authorized the appointment of an Inspector of Hay, who should be amenable to the same rules that governed other Inspectors of the Chamber, and adopted the following rules for the regulation of the hay trade :

CLASSIFICATION.

CHOICE TIMOTHY.—Shall be pure timothy, sound, bright color, and well cured.

No. 1 TIMOTHY.—Shall be timothy, and not more than one-fifth of other tame grasses mixed, good color, well cured, and free from must.

No. 2 TIMOTHY.—Shall be timothy, and not more than one-third of other tame grasses mixed, good color, well cured, and free from must.

MIXED.—Shall consist of tame grasses mixed, not enough timothy for No. 2, good color, well cured, and free from must.

CLOVER.—Shall be mainly clover, well cured, good color, and free from must.

No. 1 PRAIRIE.—Shall be upland and midland prairie hay, good color, well saved, and free from must.

No. 2 PRAIRIE.—Shall be swale or slough hay, either wholly or mixed with upland, good color, well cured, and free from must.

No GRADE.—All kinds of hay badly cured, stained, or in any way out of condition, the certificate of inspection stating whether tame or prairie hay.

FEEES FOR INSPECTION.

The fees for inspection in cars shall be one dollar per car, to be paid by the owner or seller, all hay in sight at both doors to be inspected. On any complaint at the unloading of the car, the Inspector shall reinspect fully without additional charge, the party calling the inspection to furnish all facilities for a full inspection. The fee for inspecting at the river shall be two (2) cents per bale for large bales; small bales to be governed by railroad inspection, to be paid by the owner or seller, one hundred and fifty small bales to be considered one car load.

***RULES GOVERNING THE FLOUR TRADE.**

RULE 1. Any member of the Cincinnati Chamber of Commerce desiring to become a Flour Inspector may make application to the Board of Directors, who shall judge as to his fitness and capability to perform the duties of Inspector, and if elected he shall give bond to the satisfaction of the Board for the faithful performance of his duties and for the payment of all damages assessed against him by the Flour Inspection Committee. The Board of Directors shall have power to suspend or dismiss an Inspector at any time. An Inspector shall not be directly or indirectly engaged in the Flour trade.

RULE 2. The Inspector shall, when directed, carefully inspect Flour submitted to him, and decide on its grade and soundness, being governed by the standards furnished by the Flour Inspection Committee, and may brand it, using stencils indicating grade and Cincinnati Chamber of Commerce inspection, and the month in which it is inspected in numerals. An appeal may be taken to the Flour Inspection Committee from the decision of the Inspector, and he shall brand the Flour according to the decision of said committee.

RULE 3. The Inspector, failing to grade Flour in accordance with the standards furnished, shall be liable for any damage resulting from such failure, and shall be subject to pay such fines as the Flour Inspection Committee may deem proper to impose.

RULE 4. Flour offered for inspection or examination shall be placed in such a position that it may be carefully examined by the Inspector; and should the owner or buyer, upon removing the Flour to his store or warehouse, find any of it not inspected, it shall be the duty of the Inspector to complete the inspection of said Flour upon the request of either the owner or buyer.

RULE 5. The Inspector shall receive two (2) cents for each barrel inspected, to be paid by the receiver or owner, and shall also be entitled to the Flour drawn from the barrels.

RULE 6. The scoop used by the Inspector shall not exceed one inch in diameter and thirty-two inches in length, exclusive of the shank of the handle, and not more than one scoopful shall be drawn from each barrel.

RULE 7. The Inspector shall, at the request of the party for whom the Flour is inspected, furnish certificate stating brand, number of barrels, and grade; and if the barrels of any lot of Flour are short in weight, not head-lined, or unfit for the proper conveyance of Flour, it shall be his duty to insert same in his certificate.

RULE 8. The Inspector shall, without extra charge, weigh at least one (1) barrel of each twenty-five (25) barrels inspected, and if found below the standard weight of one hundred and ninety-six (196) pounds net he shall not brand it unless repacked. He may repack Flour, and shall be entitled to twenty-five (25) cents per barrel for each barrel that he finds short in weight.

RULE 9. The standard weight of a barrel of Flour shall be one hundred and ninety-six (196) pounds net. When Flour is sold in sacks, and sacks included, the gross weight shall be considered as actual weight, and in collating the result any overweight shall be taken to offset an equal amount of light weight.

RULE 10. Any defacing or changing of any Inspector's brand or marks placed by him on barrels or sample bags, by any person or persons, shall be reported by the Flour Inspection Committee to the Board of Directors; but the Inspector's brands on the barrels may be entirely removed, leaving the Flour to stand the same as if it had never been inspected.

RULE 11. Sales of Flour shall be for cash on delivery, unless otherwise agreed. If delivery is delayed for convenience of buyer, the terms shall be cash on presentation of the bill. If payment

* Went into operation November 1, 1889.

of bill is refused for supposed light weight or damage, or error in the account, no greater amount shall be withheld than the damage, loss or error claimed.

RULE 12. When Flour is sold by sample or grade guaranteed, it must be inspected at the place where sold (there being no agreement to the contrary), and if not equal to sample there is no sale. If taken without inspection from the place where sold, and proven not equal to sample or grade, the buyer shall restore it without charge to the place of purchase.

RULE 13. A rejection of Flour shall not be valid unless notice thereof in writing shall be given the seller within forty-eight hours after the delivery. In case of Flour at railroad depots, wharves, or general storage warehouse, delivery of the railroad notice or order on the railroad company or warehouse to the purchaser shall constitute a tender of delivery.

RULE 14. Flour shall not be considered in merchantable condition unless in good round-hooped barrels and head-lined, and all Flour sold and not head-lined may be head-lined by the buyer at the expense of the seller, at not to exceed two (2) cents per barrel.

RULE 15. All Flour sold at railroad depots, or river or canal landings, shall be at the risk of the buyer after six o'clock in the afternoon of the day following the day on which the order is given for the same.

RULE 16. Sales of Flour may be entered on the Sales Book of the Chamber, but all sales recorded must be "cash" sales, and if not "cash" sales the condition of sale must be expressed.

RULE 17. Sales can not be recorded unless grade is established by inspection, and if grade is not established by inspection they can be recorded as sold "by sample."

RULE 18. Sales recorded upon the Sales Book will be recognized as reflecting the daily market values, and in the event of no sales being recorded it shall be the duty of the Market Reporter to call upon the Quotation Committee, whose duty it will be to make the quotation upon that day.

RULE 19. The standards of grades of Flour shall be as follows: *Winter Wheat*—Patent, Fancy, Family, Extra. *Spring Wheat*—*Patent, Fancy, Family.

RULE 20. The Board of Directors shall, annually, after their election, in the month of October, appoint a Committee on Flour Inspection, consisting of five (5) competent members of the Cincinnati Chamber of Commerce who are known as members of the Flour trade. It shall be the duty of this committee to properly discharge the obligations imposed upon them, to consider and decide all disputes pertaining to matters of inspection arising between members dealing in Flour which may be submitted to them. A majority of the committee shall constitute a quorum, and a decision of a majority of those present shall be final and binding.

RULE 21. It shall be the duty of the Flour Inspection Committee to exercise general supervision over the inspection. They shall, each year, within two weeks after their appointment, establish standards of Flour for the following year, and secure and place in boxes in the Exchange Hall, for the use of the Inspector and dealers, and every three months renew fresh standards, but not with a view of changing the standards established.

† RULE GOVERNING SALES OF HOGS.

In sales of Live Hogs, dockage shall be allowed on the following basis: On animals weighing over two hundred (200) pounds—Stags, eighty (80) pounds; Piggy Sows, forty (40) pounds. On animals weighing two hundred (200) pounds and under—Stags, forty (40) pounds; Piggy Sows, twenty (20) pounds.

The dockage to be agreed upon by the buyer and seller; in case of any dispute, then a third party shall be called in to decide the proper dockage, and the party losing shall pay to the arbitrator one (1) dollar for each and every time he shall serve.

* Spring Patent created November 4, 1890.

† Adopted January 5, 1892.

RULES FOR THE GOVERNMENT OF THE PROVISION TRADE.

RULE 1. The Committee on Provision Inspection shall act as referees in all cases of complaints against Inspectors, or the inspection of any lot of Provisions, or any matters of business pertaining to the same; but the buyer shall, in all cases, have the right to designate his own Inspector; but in case the seller feels that injustice is being done, he shall have the right to call upon the Committee of Inspection, whose decision shall be final and binding. Any Inspector agreed upon by parties to a transaction, shall be regarded as a regularly authorized Inspector, subject to the rules of the Chamber, and the Committee on Provisions shall constitute the committee of reference.

RULE 2. All appeals from inspection must be made before the property leaves the city, packing point, or place of delivery.

RULE 3. Pork products packed between November 1st and March 1st shall alone be classed as "Standard."

RULE 4. In sales of fully cured Meats, or to be fully cured and delivered at a specified time, the seller must deliver in good faith according to contract, the Inspector to be the judge, who shall always be fully informed of the conditions of the contract before proceeding to inspect. Where sales of Dry Salted Meats are made without other specifications, it shall be considered that the sales contemplate Meats fully cured, the Inspector to be the judge.

RULE 5. In case of no specific agreement, the saltage allowed on Bulk Meats shall be one (1) per cent. from the 1st of November to the 1st of May; but should the buyer or seller object, the Inspector shall sweep as many drafts as he may consider necessary, and the percentage thus obtained shall be binding on both parties. But from the 1st of May to the 1st of November, the tare shall be ascertained by washing in cold water with a cloth, in case of no special agreement to the contrary. A drainage of one (1) per cent. shall be allowed on Pickled Hams and Shoulders.

RULE 6. To determine the tare on Lard, the package shall first be weighed gross, the Lard then removed, and the empty package subjected to dry heat and drained; after which the empty package shall be weighed, and its weight deducted from the gross weight. The difference thus obtained shall be considered the net weight of the Lard.

RULE 7. Three hundred and twenty pounds, net, shall be the average weight of a tierce of Lard upon which all settlements with contractors shall be based; but the number of packages the contract calls for must be delivered, and the difference, if any, settled at the market price on the day of delivery.

RULE 8. Four hundred to four hundred and fifty pounds, net, shall constitute a box of Cumberland Middles, and four hundred and seventy-five to five hundred and twenty-five pounds, net, shall constitute a box of all other English cuts of Middles, Shoulders and Hams, and all boxes containing over five hundred pounds of Meat to have a third strap around the box. All settlements of contracts shall be made on a basis of four hundred and twenty-five pounds per box, net, for Cumberland cut, and five hundred pounds per box, net, for all other English cuts of Meats.

RULE 9. If, on inspection of a fair sample of Bulk Meats, twenty (20) per cent., or over, is found to be sour, the buyer shall not be required to take the lot.

RULE 10. All the foregoing rules must be justly and liberally construed, and no property shall be rejected or condemned on a mere technicality.

RULE 11. The Committee on Provisions shall not have power of arbitration, but shall be empowered to consider all cases in reference to quality of Meats, cooperage, etc., and parties refusing to abide the decision of the committee, while acting in their line of duty, shall be liable to arraignment for unmercantile conduct.

***RULE 12.** In case of no specific agreement, contracts for 100 barrels of pork, 100 tierces of lard, 100 boxes dry salted meats, or for a larger amount, deliveries can be made on seller's option, or called for on buyer's option, in lots of not less than 100 packages, as named above, nor less than 100 packages of one brand.

Contracts for 50 hogsheads, or 50 half-hogsheads, of bacon or dry salted meats, or more, deliveries can be made on seller's option, or called for on buyer's option, in quantities of not less than 50 hogsheads or 50 half-hogsheads, and not less than this quantity of one brand.

Contracts for 100,000 pounds of bacon or dry salted meats, loose, or for a larger amount, deliveries can be made on seller's option, or called for on buyer's option, in quantities of not less than 100,000 pounds.

Contracts for 100 tierces of hams, or shoulders in pickle, smoked or canvased, or for a larger amount, deliveries can be made on seller's option, or called for on buyer's option, in lots of not less than 50 tierces, nor less than 50 tierces of one brand.

Payment to be made as lots are delivered.

RULE 13. It shall be the duty of the Inspector of Provisions to weigh stuff when called upon, receiving therefor a fee of five (5) cents per each one thousand (1,000) pounds, in addition to the inspection fee—the party ordering the weighing to be responsible for the fee.

RULE 14. The Inspector shall keep a record, in detail, of every examination he may make, that he may be qualified to testify positively in event of a dispute.

RULE 15. For the examination of provisions sold as "Regular," it shall be the duty of the Inspector (or his deputed assistants), on receiving notice, to go to any packing house or warehouse in the city to examine provisions in such quantities as may be required, selecting the same in such manner, from the lots specified, as in his judgment will give a fair sample of the whole.

RULE 16. If upon examination it is found in all respects up to the requirements, according to the classification or grades adopted by the Chamber of Commerce, he shall issue certificates to that effect.

When necessary to remove property for the convenience of examination, it shall be the duty of the Inspector to send for the same, that a fair sample may be obtained.

In no case should a certificate be granted on samples delivered by the seller.

RULE 17. The Inspector shall be entitled to receive as compensation for examining Provisions, as follows: For Beef and Pork, in barrels, five dollars for the first five barrels, the Inspector furnishing labor and other requirements, and seeing that the property is properly repacked and rebinned, and fifty cents for each additional barrel examined—payable by the buyer if regular, and by the seller if rejected, and cartage when removed; and for Bulk, Bacon or Boxed Meats, fifteen cents per one thousand pounds, payable by the buyer. For inspecting Lard, five cents per package, payable by the buyer if accepted, or by the seller if rejected; and for stripping Lard, one dollar per package, to be paid by the buyer. Five barrels of Pork or five tierces of Lard to be sufficient to sample any lot sold, unless otherwise agreed between buyer and seller.

RULE 18. It shall be the duty of the Inspector, when requested by the owner, either at any packing house, warehouse, or in yards provided by the Inspector, to overhaul and inspect Provisions according to the qualifications and classifications authorized; two hundred pounds of meat, with abundance of good salt, to be repacked in each barrel, and cooperage to be put in good order. Each barrel of Provisions that is sound, sweet, and free from any and every defect, to have grade and date of inspection branded thereon, and the word "Repacked," as hereinafter specified; and any portion that is defective, to be branded in like manner "Rusty," "Sour," or "Tainted," as the case may be; the said brand to be placed, with the Inspector's brand, across the regular packer's brand, such Pork, according to the grade or quality, to be classed as "Repacked, 200 pounds."

RULE 19. The Inspector shall use metallic letters and figures or marking iron for his dates and classes of inspection.

*As amended September 27, 1875.

RULE 20. It shall also be the duty of the Inspector to put his metallic brand or marking iron on samples of Provisions in packages that he inspects; and he shall pass no Pork products as "Regular" unless the real packer's name of the product contained therein is branded, according to these rules, on the head of each package.

RULE 21. In all cases of sales of Provisions as "Regular," the Inspector shall examine and inspect when called on; and if the property be up to the requirements, he shall issue a certificate simply for so many barrels or packages of product (naming it), for so many pieces or pounds of meat (naming the kinds).

RULE 22. Should the Inspector be called on to inspect Pickled Meats, and upon examination he should be of the opinion that the number of pounds required by these rules had not been packed, he shall not pass it as "Regular," but shall refer it at once to the Inspection Committee, who shall investigate, and if a satisfactory explanation can be given or arrived at, they shall instruct the Inspector to proceed and inspect and pass it; but if not satisfactory to the Committee, they shall, in their judgment, make the fact known to the Provision Trade in any way they may think proper.

RULE 23. All "Hog Products," to be "Regular," must be from corn-fed slaughtered hogs, not frozen before cutting, and shall average not less than fourteen pounds for Shoulders, or thirty pounds for Sides, and must run at least eighty per cent. sweet.

No hogs shall be killed on the same day on which they arrive at the pens of the slaughter-house.

RULE 24. Where Meat is in store, it shall be weighed and inspected in store; where Meat arrives by river, rail or canal, it shall be inspected and weighed at house of buyer.

RULE 25. All Bacon, uncanned, and Bulk Meats packed between March 1st and November 1st, shall be in fly-tight cooperage.

RULE 26. In all sales of Provisions for future delivery, either party may call for a margin, at any time, unless it is expressly understood between the parties, at the time the contract is entered into, that such call can not be made. In the absence of a special contract, either party shall be entitled to a margin equal to ten (10) per cent. of the market value of the article contracted to be delivered, the same to be kept good. Twenty-four (24) hours' notice in writing to residents, and forty-eight (48) hours' notice in writing or by telegraph to non-residents, shall be given on a call for a margin, and where a party fails to respond to such call within the said time, the property may be sold at public auction, on the floor of the Merchants' Exchange, during 'Change Hours, on the following day, "for account of whom it may concern."

RULE 27. In settlement of contracts (unless otherwise specified) the following weights shall govern:

Dry Salted Meats or Bacon—

Packed in hogheads, Shoulders,	-	-	-	-	-	1,000 pounds.
" " Rib Sides,	-	-	-	-	-	900 "
" " Clear Rib Sides,	-	-	-	-	-	950 "
" " Clear Sides,	-	-	-	-	-	1,000 "
Packed in half hds., Shoulders,	-	-	-	-	-	550 "
" " Rib Sides,	-	-	-	-	-	500 "
" " Clear Rib Sides,	-	-	-	-	-	550 "
" " Clear Sides,	-	-	-	-	-	575 "
Hams or Shoulders, smoked and canned, packed in tierces,						340 "
" " in pickle, packed in tierces (green weight),						300 "

RULE 28. All barreled Provisions offered for sale as "Regular" in this market must be cut, selected and packed, in all respects, as to quality and condition, equal to the classification of inspection as adopted by the Chamber of Commerce.

*As amended September 27, 1875.

RULE 29. Unless otherwise stipulated, in all sales made of any of the grades of Provisions represented as "Regular," the seller shall be bound to fulfill his sale by the delivery of the quality called for by such sale, and which, on examination by the Inspector, has been certified by him to have been packed according to the classification, and is, at the time of delivery, in good merchantable condition in every respect.

Provisions from which any surplus gain has been removed, can not be classed as "Regular."

RULE 30. All Provisions sold in this market, in the absence of special agreement, shall be deemed "Regular," and the property must comply with the requirements of the Rules of Inspection of the Board. All Provisions sent to this market for sale, which are, in all respects, in conformity with these rules, shall be classed as "Regular."

RULE 31. No original weight shall be taken out of any package of Provisions, without removing the original packer's brand *entirely* from the head of the package, and the brand "Repacked" burned in the head distinctly.

RULE 32. In all cases, Product should be sold "Regular," but, in case a particular brand is sold, and, upon examination, the Product will not inspect "Regular," the buyer shall elect to take another brand, or the difference in value of the special brand shall be settled between the buyer and seller.

*RULE 33. On sales of Provisions for future delivery, on buyer's option, if the buyer call before the expiration of the month of contract, the seller, if he so elect, shall in case of barreled meats and lard in tierces, have two working days' notice, and for boxed meats, pickled or smoked hams, and shoulders in tierces, or dry salted meats, four working days to prepare property for delivery; and when, at the option of seller, the seller tenders before the expiration of the month of contract, the buyer, if he so elect, shall have the same time to prepare for receiving the same.

RULE 34. Buyers of Provisions on time contracts shall have the right to inspect before the day of delivery, provided they send an Inspector in time to allow the inspection to be completed before the expiration of the contract; but, failing to do so, the seller shall have the privilege of having the property inspected, the cost to be paid by the buyer.

†RULE 35. Where the buyer of Provisions fails to avail himself of the privilege of inspection, in the absence of any special agreement upon the part of the seller to guarantee his product, the liability of the seller shall, as to quality, saltage and weights, cease when the product shall have left his house.

‡RULES FOR THE REGULATION OF THE PROVISION CALL BOARD.

RULE 1. There shall be one public call each business day, at 1 o'clock P. M., in the Pork-room, on mess pork, lard, bulk clear rib sides, and bulk shoulders, to be conducted by a person selected by the majority of the members present at the first meeting, or by any other person selected by those present, when such change becomes necessary. The months shall be called in their order, commencing with the current month and continuing through the four months immediately succeeding. No offer to buy or sell shall be entertained at a less difference than $2\frac{1}{4}$ cents per hundred pounds on lard or meats, and $2\frac{1}{2}$ cents per barrel on pork. The first offer to buy or sell at a price shall be accepted before subsequent offers at the same figures may be placed.

Subsequent offers to sell at a lower or buy at a higher price, shall vacate prior offers to sell at higher or buy at lower prices. A transaction shall vacate all previous bids and offers.

All disputes as to offers, bids, acceptances, or withdrawals (whether in time or not), shall be decided on the spot by the Caller, subject to an appeal to the members present. The appeal must be promptly taken, and a majority of the members present and voting shall settle the dispute, point finally.

No dealings, nor bids at the call, shall be for a smaller quantity than 250 bbls. of pork, 250 tierces of lard, 50,000 lbs. of bulk meats, for future delivery, nor for less than car-load lots of all of

* Adopted February 8, 1877.

† Adopted September 27, 1875.

‡ Adopted February 8, 1877.

the above for cash, or seller the month. All deliveries of property tendered under contracts must be accompanied by evidence of actual property (warehouse receipts or bills of lading, and certificates of inspection), and all property delivered must be regular under the rules of this Chamber. If buyers do not send Inspectors upon notice of delivery, by the time notified, the seller shall have the property inspected at the cost of the buyer.

RULE 2. Either party to a contract, during the life of such contract, shall have the right. First—To call an original margin of two dollars per tierce on lard, one dollar per barrel on pork, and fifty cents per hundred pounds on bulk meats, both parties depositing like amounts; and, Second—Either party may call additional margins to meet variations in the market, of not less than one-quarter of a cent per pound on lard and bulk meats, and fifty cents per barrel on pork. The party in whose favor the market is, shall not be required to deposit such margin. All margins on contracts shall be deposited with the National Bank of Commerce of Cincinnati.

When margins are called before 1 P. M., they must be deposited before 3 P. M. the same day, and if called after 1 P. M., must be deposited by 12 M. of the next day. When margins are called, original or for variations in the market, certified checks must be drawn to the order of the bank in which they are to be deposited. Checks must be sent to such bank, who shall give certificate of deposit in duplicate, made payable to the joint order of the buyer and seller. In case the two parties do not agree as to the amount due on a margin receipt, either of them may refer the matter to the Provision Committee for decision, which shall be final. On the decision of said committee, they shall promptly indorse to each party the amount each shall be entitled to by such decision, and the bank shall pay in accordance with such indorsement.

RULE 3. Contracts shall not be transferable, and any difference found to be due on settlement shall apply on account between the parties to the contract. Any party holding a contract against another, corresponding in all respects (excepting as to price) with one held by the other party against him, may close or cancel both, by giving notice to said party, and when it appears that several parties have contracts between each other, corresponding in all respects (except as to price), and that a ring settlement can be made, the party finding said ring shall notify all parties thereto, giving names, time of delivery, quantity and settlement price, and get their acknowledgment, from which time the said ring shall be in force, and can not be broken by the failure of any of the parties therein. And all parties thereto shall be compelled to settle their differences on said contract with each other, on the basis of the settlement price.

RULE 4. All notices for delivery of property sold on contract must be given to the first receiver before 12 M., and the last receiver before 4 P. M. of the same day, and on the day preceding the day of deliveries (Sundays and legal holidays excepted). In case of disputes arising under any contract which are not provided for under the rules, the parties thereto shall promptly agree to the appointment of two arbitrators, and these shall appoint a third, whose decision shall be final.

RULE 5. The buyer must pay for property (sold under contract) in cash, upon the presentation of bill (after notice of delivery), when accompanied by proper certificate of property and Inspector's certificate.

FORM OF BILL FOR PORK.

A. B.

CINCINNATI, February 1, 1877.

Bought of C. D.

250 bbls. Mess Pork @ \$17 00,	\$4,250 00
Inspector's charges,	5 00
As per contract,	\$4,255 00

FORM OF CERTIFICATE OF PROPERTY TO BE ATTACHED TO BILL.

CINCINNATI, February 1, 1877.

"I hold in store, subject to the order of A. B., 250 bbls. of Mess Pork, deliverable upon the return of this receipt and payment of charges for storage, 8c. per barrel for the first month, and 6c. per barrel for each additional month. Not insured. This property free of storage for five days."

"C. D."

Or, such like certificate that shall contain the words thereon: "This property free of charges for five days."

Buyers for cash or car-loads, desiring property delivered "F. O. B.," must so state in their bids "F. O. B." deliveries shall mean at "storage houses situated on lines of railroads, at railroad depots, or steamboats."

RULE 6. Fictitious sales are positively forbidden, and parties concerned shall be suspended or expelled from the Chamber of Commerce.

RULE 7. All the above rules, so far as practicable, with the exception of so much of Rule 3 as pertains to ring settlements (which shall be applicable to such ring settlements alone), shall apply to transactions in Provisions generally, and all rules of the Chamber conflicting therewith are hereby repealed.

RULES FOR THE CUT AND MANUFACTURE OF THE HOG PRODUCT.

BARRELED PORK.

MESS PORK.

Mess Pork shall be cut and packed from Sides of well-fatted Hogs, in strips; the Hog to be first split through the backbone, or, if split on one side, then an equal proportion of hard and soft sides, as they are termed, must be packed, properly flanked, and not back-strapped. One hundred and ninety pounds of green meat, numbering not over sixteen pieces, including the regular proportion of flank and shoulder cuts, four layers placed on edge, without excessive crowding or bruising, must be packed into each barrel, with not less than thirty-five pounds of good foreign, or forty pounds of good domestic, coarse salt, and filled up with good, clear brine, as strong as salt will make it. The pork to be cut reasonably uniform in width. The packer's name and location, the date of packing, and the number of pieces and pounds of green meat in each barrel must be branded on the head with a metallic brand, marking-iron or stencil brand, at the time of packing.

PRIME MESS PORK.

Prime Mess Pork shall be made of the Shoulders and Sides of nice, smooth, fat Hogs, weighing from 100 to 160 pounds, net, regularly cut into square pieces, as near four pounds each as possible, the shank to be cut off close to the breast. Each barrel to contain one hundred and ninety pounds of green meat, in the proportion of twenty pieces of shoulder and thirty pieces of side cuts, and to be packed with twenty pounds of good, coarse salt, with the addition of eight ounces of saltpeter. The Prime pieces should be cut clear of the blade-bone. The shoulder pieces not to exceed eighty-five pounds in each barrel.

EXTRA PRIME PORK.

Extra Prime Pork shall be made from heavy, untrimmed Shoulders, cut into three pieces, the leg to be cut off close to the breast, to be packed one hundred and ninety pounds of green meat into each barrel, with the same quantity and quality of salt as Mess Pork.

LIGHT MESS PORK.

Light Mess Pork shall be made from the Sides of reasonably well-fatted Hogs, and in all other respects to be cut, selected, and packed the same as Mess Pork, except that as many as twenty-two pieces may be put into each barrel.

FAMILY MESS PORK.

Family Mess Pork shall be made from Backs of Hogs, after bellies have been taken off, cut into pieces about six pounds each, and in all other respects to be selected and packed in the same manner as Mess Pork.

EXTRA SHOULDER PORK.

Extra Shoulder Pork shall be made from heavy, trimmed Shoulders, cut into three pieces; the leg to be cut off close to the breast, and in all other respects selected and packed in the same manner as Extra Prime Pork.

EXTRA CLEAR PORK.

Extra Clear Pork shall be made from the Sides of extra heavy, well-fatted Hogs, the back-bone and ribs to be taken out, the number of pieces in each barrel not to exceed fourteen, and in all other respects to be cut, selected, and packed in the same manner as Mess Pork.

CLEAR PORK.

Clear Pork shall be made from the Sides of extra heavy, well-fatted Hogs, the back-bone and half the rib next to the back-bone to be taken out, the number of pieces in each barrel not to exceed fourteen, and in all other respects to be cut, selected, and packed in the same manner as Mess Pork.

CLEAR FAMILY MESS PORK.

Clear Family Mess Pork shall be made from the Backs of heavy, well-fatted Hogs, after bellies have been taken off and back-bone and ribs taken out, cut into pieces of about six pounds each, and in all other respects to be packed in the same manner as Mess Pork.

RUMPS.

Rumps shall be trimmed with only enough taken off to make them neat and smooth, the tails cut off close, each barrel to contain one hundred and ninety pounds of green meat, packed in the same quantity and quality of salt as Mess Pork, and the number of pieces to be similarly branded on each barrel at the time of packing.

PICKLED MEATS.

STANDARD SWEET PICKLED HAMS.

Standard Sweet Pickled Hams shall be cut short, and well rounded at the butt, properly faced, shank cut just in or above the hock-joint, to be reasonably uniform in size and average. Three hundred pounds, block weight, shall be placed in each tierce.

STANDARD SWEET PICKLED SHOULDERS.

Standard Sweet Pickled Shoulders shall be well cut and trimmed, shank cut in or above the knee-joint, to be reasonably uniform in size. Three hundred pounds, block weight, shall be packed in each tierce.

NEW YORK SHOULDERS.

New York Shoulders shall be made from small, smooth Hogs, shank cut off one inch above knee-joint, trimmed close and smooth, reasonably uniform in size, and to average, in lots, not to exceed fourteen pounds. Three hundred pounds, block weight, shall be packed in each tierce.

SWEET PICKLED BELLIES.

Sweet Pickled Bellies shall be made from nice, smooth Hogs, well cut and trimmed, to average, in lots, not to exceed fourteen pounds. Three hundred pounds, block weight, shall be packed in each tierce.

BRANDING.

The packer's name, location, number of pieces and date of packing shall be branded on the head of each package of Pickled Meats at the time of packing.

UNIFORMITY OF PICKLED MEATS.

All Pickled Meats shall be sized when packed—the light, medium and heavy separately, as near as practicable.

CUT MEATS

HAMS.

Hams shall be short, well rounded at the butt, properly faced, cut just in or above the hock-joint.

SHOULDERS.

Shoulders shall be cut at right angles to the side, and as close as possible to the back part of the fore arm-joint, butted off square on top, neck-bone and short ribs taken out, blood-vein lifted and cut out, breast-flap to be trimmed off, and foot to be cut off in or above the knee-joint.

BLADED SHOULDERS.

Bladed Shoulders shall be cut the same as "Standard" Shoulders, excepting the shoulder-blade to be taken out and the corners rounded.

ROUGH SIDES.

Rough Sides shall be made by splitting the Hog through on one side of the back-bone, and an equal proportion of both Sides must be delivered on sales, to make them "Standard."

SHORT CLEAR SIDES.

To make Short Clear Sides, the back-bone, breast-bone, and ribs shall all be taken out, and hench-bone sawed down smooth and even with the face of the Side, feather of blade-bone not to be taken out, edges to be left smooth, Sides not to be back-strapped or flanked.

SHORT RIB SIDES.

To make Short Rib Sides, the back-bone should be taken out, hench-bone and breast-bone sawed or cut down smooth and even with the face of the Side, feather of blade-bone not to be taken out, and side not to be back-strapped or flanked.

LONG CLEAR SIDES.

To make Long Clear Sides, the back-bone, shoulder-bones, ribs, and breast-bone must be taken out, leg cut off close to the brisket, hench-bone sawed down smooth and even with the face of the Side, and the Sides not to be back-strapped or flanked.

CUMBERLAND SIDES.

To make Cumberland Sides, the Side and Shoulder should be left together in one piece; foot cut off in or above knee-joint; shoulder ribs, neck-bone, and back-bone taken out; blood-vein lifted and cut out; hench-bone and breast-bone sawed or cut down smooth and even with the face of the Side, and Sides not to be back-strapped or flanked. Ribs must not be scribed.

LONG RIB SIDES.

Long Rib Sides to be made same as Cumberlands, except that the shoulder-bones must be taken out, and leg cut off close to the brisket.

STRETTFORD SIDES.

Strettford Sides shall be made from Hogs weighing about 140 to 160 pounds, net; back-bone and half the ribs taken out, blade-bone taken out, knuckle left in, and leg cut off close to the breast.

BIRMINGHAM SIDES.

Birmingham Sides shall be made from Hogs weighing about 170 pounds, net; back-bone, ribs, and blade-bone taken out, pocket-piece cut out, and pocket nicely rounded, knuckle-bone left in, and leg cut off close to the breast.

SOUTH STAFFORDSHIRE SIDES.

South Staffordshire Sides shall be made the same as Birmingham, except loin taken out full to top of shoulder-blade, leaving only a thin strip of lean along the back; knuckle left in, and leg cut off close to the breast.

YORKSHIRE SIDES.

Yorkshire Sides shall be made the same as Cumberlands, with the ribs out, the leg cut off about two inches above the knee.

IRISH CUT SIDES.

Irish Cut Sides shall be made the same as Long Clear, except top of the pocket cut off, knuckle-bone left in.

LONG HAMS.

Long Hams shall be cut from the Side by separating with a knife the hip-bone from the rump, properly rounded out, foot unjointed at first joint below the hock-joint.

SOUTH STAFFORDSHIRE HAMS.

South Staffordshire Hams shall be cut short, hip-bone taken out at the socket-joint, hock unjointed at first joint below the hock-joint.

UNIFORMITY OF BOXED MEATS.

In packing Meats in boxes, the pieces shall be classified—the light, medium and heavy separately, as nearly as practicable, in packages made to suit the different sizes.

L A R D.

CHOICE LARD.

Choice Lard to be made from leaf and trimmings only, either by steam or kettle-rendered, the manner of rendering to be branded on each tierce.

PRIME STEAM LARD.

Prime Steam Lard shall be standard, made from head, gut fat, leaf and trimmings, in the proportion in which the same come from the Hog.

***CURRENT MAKE LARD.**

Current Make Lard shall be standard, made from head, gut fat, leaf and trimmings, in the proportion in which the same come from the Hog; white and sweet; steam rendered.

* Adopted August 6, 1875.

RULES FOR THE REGULATION OF THE TRADE IN COOPERAGE.

RULE 1. The Board of Officers (Directors) shall annually appoint a competent Inspector of Cooperage, who shall inspect all such Cooperage as he may be called upon to examine, according to these rules, determining with a wind-bellows the tightness of packages to hold liquids, lard or pickled meats.

RULE 2. The certificate of such inspector shall be binding in the settlement of any differences, as to quality, that may arise between the buyer and seller; but, in the event of either party feeling dissatisfied with such inspection, an appeal may be made to the Committee on Provision or Whisky Inspection, as the article inspected may properly belong to one or the other, and the decision of such committee shall be final.

RULE 3. The fees to be allowed the Inspector shall be as follows:

For seventy-five (75) or a less number of barrels, half barrels, kegs or tierces.....	\$1 00
For lots exceeding seventy-five (75) packages of the same, per package.....	1½c.
For hogsheads, half hogsheads, or boxes, per package.....	3c.

RULE 4. The fees shall in all cases be paid by the party employing the Inspector.

PACKAGES.

Cooperage shall be made of well-seasoned white oak, free from objectionable sap.

PORK BARRELS.

For Pork Barrels, staves shall be five-eighths ($\frac{5}{8}$) of an inch thick, thirty (30) inches long; heads made in an eighteen (18) inch tress, one (1) inch thick in center and three-eighths ($\frac{3}{8}$) of an inch at bevel; hoops of hickory, not more than ten on an end; barrel to be hooped not less than eleven-sixteenths (11-16).

TIERCES.

Tierces for Hams, Shoulders or Lard shall be thirty-two (32) to thirty-three (33) inches long, heads made in twenty-one (21) inch tress-hoops and same thickness as for barrels; staves may or may not be chamfered at the head, as may be agreed upon by the buyer and seller; shall be three-quarters ($\frac{3}{4}$) of an inch thick—quality of staves and hoops to be same as for barrels. Tierces to be hooped eleven sixteenths (11-16,) and to have not more than ten hoops to an end. Iron-bound Tierces, for Pickled Hams and Shoulders, shall be classed as "Standard" if made in compliance with the requirements of this rule as to heading and staves, and hooped with not less than three (3) good hoops on each end; the chime hoops to be 1¾ inches in width, the quarter and bilge hoops to be 1½ inches in width, and to weigh, per set, not less than ten (10) pounds to the tierce.

LARD KEGS.

Lard Kegs shall be made of same quality of timber as Pork Barrels and Lard Tierces; staves to be 16½ inches long and ¾ of one inch thick, to be made in 11½-inch tress-hoops; hoops to be hickory, and the packages to be fully two-thirds hooped.

HALF BARRELS.

Half Barrels for Pork, Beef and Lard shall be made of same quality of timber as Barrels and Lard Tierces; staves to be 24 inches long and ¾ to ¾ of an inch thick, and the packages to be made in 15-inch tress-hoops; all hoops to be hickory, and packages to be fully two-thirds hooped.

BEEF TIERCES.

Beef Tierces shall be made the same as Lard Tierces, but to be entirely free from sap, and the second hoop from each end to be $1\frac{1}{4}$ -inch iron, oiled or painted.

SLACK HAM TIERCES.

Slack Ham Tierces shall be made in 22-inch tress-hoops; staves to be 33 inches long, good hickory hoops, 3 hoops at the end and 3 at the bilge.

SLACK AND FLY-TIGHT HOGSHEADS.

Slack and Fly-Tight Hogsheads shall be made in 32-inch tress-hoops; good hickory hoops; staves to be 42 inches long. Slack Hogsheads to be hooped with 12 hoops and quarter bound; middle head-piece to be pine or oak. Fly-Tight Hogsheads to be same as slack, but to be hooped with 16 hoops instead of 12.

HALF HOGSHEADS.

Half Hogsheads shall be made in 28-inch tress-hoops; staves to be 34 inches long; good hickory hoops; packages to be quarter bound (12 hoops); middle head-piece to be of pine or oak.

WHISKY BARRELS.

Whisky Barrels shall be made of sound, well-seasoned white oak timber, clear of sap, to be made in 20 $\frac{1}{2}$ -inch tress hoops; staves to be thirty-three (33) inches long and $\frac{3}{4}$ of one inch thick, hooped with 6 iron hoops, $1\frac{1}{4}$ -inch hoops at the head and $1\frac{1}{2}$ -inch at the bilge and quarter—said hoops to weigh in all eight pounds; barrels to be bored and bunged.

WHISKY HALF BARRELS.

Whisky Half Barrels shall be made of same quality of timber as Barrels—to be made in 16 $\frac{1}{2}$ -inch tress-hoops; staves to be 28 inches long and $\frac{3}{4}$ of one inch thick; six iron hoops, $1\frac{1}{2}$ -inch hoops at the heads and $1\frac{1}{4}$ -inch at the bilge and quarter.

KEGS.

Kegs shall be made of same quality of timber as Barrels and Half Barrels.

Ten Gallon Kegs—to be made in 12 $\frac{1}{2}$ -inch tress-hoops; 6 iron hoops, head hoops $1\frac{1}{4}$ inches wide, bilge and quarter 1 inch wide; staves 21 $\frac{1}{2}$ inches long.

Six Gallon Kegs—to be made in 10 $\frac{1}{4}$ -inch tress-hoops; 6 iron hoops, same size hoops as ten gallon packages; staves 18 inches long.

Five Gallon Kegs—to be made in 10 $\frac{1}{4}$ -inch tress-hoops; staves to be 16 $\frac{1}{4}$ inches long; 6 iron hoops, head hoops 1 inch wide, bilge and quarter $\frac{3}{4}$ inch wide.

Four Gallon Kegs—to be made in 9 $\frac{1}{4}$ -inch tress-hoops; staves 15 $\frac{1}{2}$ inches long; 6 iron hoops, head hoop 1 inch wide, bilge and quarter $\frac{3}{4}$ inch wide.

BOXES.

Boxes should be made of sound common boards, reasonably dry, one (1) inch thick, dressed on one side, not over two (2) strips at each end, and three (3) strips to each side, bottom or top; to have good, strong, hard wood, white wood or sap pine stays inside each corner; shall be well nailed and strapped with birch, oak or hickory straps around each end, to lap three (3) inches on the cover. All boxes to contain five hundred (500) pounds, net, shall have three straps. Boxes shall be nailed together with ten-penny nails, and the stays nailed in with eight-penny nails.

***RULES FOR THE GOVERNMENT OF THE TRADE IN HOPS.**

RULE 1. It shall be the rule that a bale of Hops shall weigh not less than one hundred and seventy-five (175) or more than two hundred (200) pounds; but the tender or delivery of any lot of Hops, on a sale or contract, averaging one hundred and eighty-five (185) to one hundred and ninety (190) pounds, shall be deemed a compliance with this rule.

RULE 2. The sacking of Hops shall not weigh more than twenty-four (24) ounces per yard, and seven (7) pounds shall be deducted from the weight of each bale as tare; and any additional weight of sacking or any extraneous matter shall be considered as irregular, and the seller be liable to the purchaser for such excess.

RULE 3. Each and every bale of Hops sold by the grower, either to a dealer or consumer, must be marked with his (the grower's) name or initials, and the name of the State where the Hops have been raised, and the year produced.

RULES GOVERNING REPORTS OF SALES.

RULE 1. "Time Sales" may be entered on the daily Sales Book of the Chamber, with this condition specified.

RULE 2. Sales entered without conditions, will be understood to mean cash sales.

RULE 3. Sales in settlement of contracts, without the *bona fide* transfer of property, must not be entered as cash sales, but as "sales in settlement."

RULE 4. Sales consummated on refusals given the day before, may be entered with the conditions expressed.

† RULE 5. Sales made up to one o'clock only, may be reported as late as ten minutes past one o'clock.‡ Sales made after one o'clock may be reported the next day and entered as sales made "last evening."

§ RULE 6. All challenges of sales entered on the Sales Book must be made on the day of entry.

|| RULE 7. Sales made on 'Change of goods deliverable at other points, may be entered on the Sales Book, said delivery to be mentioned in the entry.

¶ RULE 8. Sales made on the Call-Board shall be entered on the Sales Book, the fact of the sales having been made on the call to be specified, and the entry to be made on the current day.

• RULE 9. All challenges of sales entered on the "Sales Book" shall be heard and determined by the appropriate standing Committees on Inspection.

* Adopted May 10, 1883.

† As amended November 2 and November 12, 1874.

‡ The time for reporting sales of grain was extended to 1:30 P. M., August 1, 1882.

§ Adopted December 15, 1874.

¶ Adopted May 3, 1881.

• Adopted June 10, 1884.

*RULES FOR THE CLASSIFICATION AND INSPECTION OF LUMBER.

WHITE PINE LUMBER.

FIRST AND SECOND CLEAR.—Shall be not less than ten inches wide, and perfect up to eleven inches in width; will then allow imperfections equal to bright sap one inch on one side of the whole length of the piece, if well manufactured; as width increases, will allow other or larger imperfections in knots or sap in proportion to the width, but not imperfections enough to decrease the value below the above described piece.

THIRD CLEAR.—Shall be not less than nine inches in width, and perfect up to ten inches; wider than ten inches, imperfections equal to bright sap two inches on one side of the whole piece, or two knots aggregating the size of a half dollar, will be allowed as to the general location and effect upon the use of the board.

SELECTS.—Take a piece twelve inches wide and twelve feet long as a basis; this width will admit of not to exceed three defects; if free from sap, may allow three knots aggregating the size of a silver dollar, or their equivalent, on one side; if free from knots, it may allow two saps equal to two inches on each side; if bright, pieces under nine inches wide must be perfect on one side; over twelve inches wide, defects may be allowed in proportion to width.

FIRST COMMON.—If narrow, one side may be well covered with bright sap running through one to one and one-half inches on each edge, no knots on face; such a piece may be from seven to ten inches wide; at ten to fourteen inches, some knots and less sap; this class makes good one-side lumber for finishing; and, in general, knots may be allowed of a character not to injure the piece for finishing purposes or for cutting up; a piece seven inches wide, for example, may have bright sap covering one side and running through on face one to one and one-half inches and no knots; a piece eleven to twelve inches wide may have four inches of heart on the sap side, the sap coming through to the face, and there may be two or three small knots on the face; pieces wider than twelve inches will be allowed imperfections proportionate to width.

SECOND COMMON.—This is a grade which, if not sap-stained, would go into First Common, and will admit of any amount of bright sap, together with round knots aggregating not over one and one-half inches in pieces fourteen inches or over wide, and shall be free from rot and shake.

SHOP.—This is a grade of lumber for cutting up for shop work; it may have large, loose, rotten knots, shake, and sap, and shall cut up at least sixty-six and two-thirds per cent. clear of knots and shake.

THIRD COMMON.—Shall be a coarser board or piece than Second Common, but the knots, while they may be larger, must be tight; this grade will admit of some shake at one end of the piece, also straight splits not to exceed one-fifth of the length of the piece.

FOURTH COMMON.—May have large, coarse, unsound knots, and shake.

BOXING.—This grade includes all boards with loose knots, red streaks, and bad shake.

STRIPS.

CLEAR.—1x4 and 1x6 shall be free from sap and all other defects, perfect in thickness and width.

† No. 1.—May have two or three small, sound knots, or bright sap one-half to three-fourths inch in width on one side of strip.

No. 2.—Will admit of any amount of bright sap, and not over three small, sound knots, each to be not larger than one inch in diameter, and be free from rot and shake.

No. 3.—Is a sound strip, and will admit of small, tight knots; must be free from rot, shake, hearts, and splits.

No. 4.—Is a coarse knotted strip, but the knots, while they may be large, must be tight; may contain some shake.

* Adopted by the Board of Directors February 12, 1889. † Amended August 1, 1889.

FLOORING, CEILING, AND PARTITION.

CLEAR.—1x4 and 1x6 shall be free from sap and all other defects, perfect in thickness and width.

*No. 1.—May have two or three small, sound knots, or bright sap one-half to three-fourths inch in width on one side.

No. 2.—Will admit of any amount of bright sap, and not over three small, sound knots, each to be not larger than one inch in diameter, and be free from rot or shake.

No. 3.—Will admit of small, tight knots, and must be free from rot, shake, hearts, and splits.

No. 4.—May be coarser than No. 3, but the knots, while they may be large, must be tight; may contain some shake.

No. 5.—May have large, coarse, or unsound knots, red streaks, and bad shake.

SIDING.

CLEAR.—Must be free from all defects.

No. 1.—May allow two inches of bright sap, one-half the length of the piece, or its equivalent; or if free from sap, may allow one or two small knots, each not to exceed one-half inch in diameter, if sound.

No. 2.—May allow on the face of the board bright sap, or three knots, if sound, each not more than one-half inch in diameter in a twelve-foot piece, and more in longer lengths; but a piece having both knots and sap must have less of each defect.

No. 3.—Must be sound, and will admit of sap and small, tight knots, and be free from rot, shake, hearts, and splits.

YELLOW PINE.

FLOORING, CEILING, AND PARTITION.

FIRST AND SECOND CLEAR.—Shall be free from knots, and may contain some bright sap.

FIRST STANDARD.—Will admit of bright sap, and not more than one small knot in a twelve-foot piece.

SECOND STANDARD.—Will admit of bright sap, and not over three small knots in a twelve-foot piece.

COMMON.—All stained sap and large knotted pieces shall go into this grade.

POPLAR LUMBER.

In Poplar Lumber inspection, the Inspector is instructed to use his best judgment, based upon the general rules laid down for his guidance. He must inspect all boards and plank on the poorest side. The standard knot is to be considered as not exceeding one and one-fourth inches in diameter, and of a sound character. Splits are always a greater or less damage to Poplar Lumber, and will reduce a piece to one grade lower if the split is over twelve inches in length in boards and plank, or six inches in strips; but splits must be straight, and in one end only, to be allowed. All lumber must be sawed so that it will be of the standard thicknesses when seasoned. All lumber must be sawed square-edged, unless otherwise ordered; and boards and plank having bark and wane must be reduced one grade, and measured inside the wane or bark. All boards one inch thick and under shall be measured face measure. If sawed scant, must be placed in next thickness below. All badly mis-sawed lumber shall be classed as Culls. No cull is considered as having a market value which will not work one-half its size without waste. The lumber sawed for specific purposes must be inspected with a view to the adaptability of the piece for the intended use, as in many cases it can not be utilized for other purposes. In the inspection of the combined grades of Firsts and Seconds, sixty per cent. shall be Firsts, and may contain forty per cent. of Seconds. Standard lengths are always recognized as being twelve, fourteen, and sixteen feet; but ten per cent. of ten-foot lengths may be allowed. Shorter than ten feet does not come within the range of marketable, although sometimes admitted. Squares: the sizes shall be 4x4, 5x5, 6x6, 7x7, 8x8, 9x9, and 10x10. Worm-holes are to be considered as one of the most serious defects in Poplar Lumber.

* Amended August 22, 1889.

FIRST POPLAR LUMBER.—One inch to two inches in thickness shall be eight inches and upwards wide and absolutely clear up to ten inches in width.

At eleven inches, one inch of bright sap will be allowed.

At twelve, thirteen, fourteen, and fifteen inches wide, two inches of bright sap will be allowed, or one standard knot.

At sixteen inches and over in width, three inches of bright sap on one edge will be allowed, or two standard knots.

SECOND POPLAR LUMBER.—One inch to two inches in thickness shall be eight inches and upwards in width; and at eight and nine inches wide will admit of one inch of bright sap, but no other defects.

At ten, eleven, and twelve inches wide, will admit of two inches of bright sap, or one standard knot.

At thirteen, fourteen, and fifteen inches wide, will admit of three inches of bright sap and one standard knot, or two standard knots if there is no sap.

At sixteen inches and over, will admit of five inches of bright sap and one standard knot; if there is no sap, then three standard knots will be admitted.

Two and one-half, three, and four inch First and Second Poplar shall be ten inches and over wide.

Three-eighths, one-half, five-eighths, and three-fourths inch Firsts and Seconds shall be ten inches and over wide, and contain not less than seventy five per cent. of Firsts.

POPLAR SQUARES.—Shall be of the combined grades of Firsts and Seconds; 4x4 must be clear of all defects, excepting one-half inch of sap on the face side; 5x5 and 6x6 will admit of two inches of bright sap on one face; 7x7, 8x8, 9x9, and 10x10, will admit of three inches of bright sap on one face. Squares must be free of hearts and unsound knots.

BOX BOARDS.—Is a special grade.

SAP CLEAR.—Shall be sound, but not black, and six inches and over in width, and free from all defects.

COMMON.—Shall include any width not less than six inches, and will allow of bright or discolored sap and knots beyond those described in Seconds. Two unsound standard knots will be allowed in this grade if over twelve inches wide; and straight splits shall not be considered a defect; otherwise, lumber must be sound.

CULL POPLAR.—Shall include all grades not up to the standard of Common, and must be available one-half of its size without waste.

POPLAR STRIPS.

Poplar Strips shall be four and six inches wide, and known as Clear, Second Clear, and Common.

CLEAR.—Shall be free from all defects.

SECOND CLEAR.—May have bright sap, but be free from other defects.

COMMON.—May contain from one to four standard knots, and a slight amount of discolored sap.

HARD WOOD LUMBER.

BLACK WALNUT.

The grades of Black Walnut shall consist of the combined grades of Firsts and Seconds, Rejects, Shipping Culls, and Mill Culls. The combined grades of Firsts and Seconds shall consist of fifty per cent. of Firsts and fifty per cent. of Seconds, unless otherwise stated.

FIRSTS.—Shall not be less than seven inches in width; from seven to ten inches, shall be clear of all defects; ten to sixteen inches wide, may have one and one-half inches bright sap, or one standard knot; sixteen inches wide and upwards, may have two inches of bright sap, or two standard knots.

SECONDS.—Shall not be less than six inches in width; from six to eight inches, must be clear of all defects; eight to ten inches, will admit of one and one-half inches of sap, or two standard knots; ten to sixteen inches wide, will admit of two inches of sap, or two standard knots; sixteen inches wide and upwards, may have three inches of sap, or three standard knots; twelve inches wide and upwards, will admit of a split, if straight, one-sixth the length of the piece, provided the piece be equal to Firsts in other respects. Not over ten per cent. of Seconds will be taken with splits of the above character.

REJECTS.—Shall not be less than four inches in width; from four to seven inches, may have one inch of sap, or one standard knot; seven to twelve inches wide, may have two inches of sap, or two sound knots; twelve to eighteen inches wide, may have four inches of sap, or four sound knots; above eighteen inches, may have five inches of bright, sound sap.

SHIPPING CULLS.—Shall include all lumber not equal to Rejects, that will average and work one-half of its width and length without waste.

MILL CULLS.—Shall embrace everything not included in Shipping Culls, and must work one-fourth of its size without waste.

CHERRY.

Cherry shall be graded and inspected according to the rules given for Black Walnut, with the exception of gum specks. Gum specks in Cherry are a defect, and if excessive will lower the piece one or two grades.

BUTTERNUT OR WHITE WALNUT AND CHESTNUT.

Butternut or White Walnut and Chestnut shall be inspected Firsts and Seconds, and Culls.

FIRSTS AND SECONDS.—Must not be less than six inches wide and clear up to eight inches; but at eight inches, may have one inch of sap or two standard knots. Defects may increase with the width in proportion. Worm-holes are absolutely excluded from this grade.

CULLS.—Shall include all lumber not up to the standard of Seconds, but shall work not less than one-half of its size.

RED SWEET GUM.

Red Sweet Gum shall be inspected according to the rules governing Poplar, with the exception of sap on Firsts and Seconds, two inches of sap being the extreme width allowed on pieces eighteen inches wide and upwards, a proportionate amount being allowed on pieces running from that down to ten inches.

ASH, BEECH, COTTONWOOD, SUGAR MAPLE, SOFT OR WATER MAPLE, AND SYCAMORE.

Ash, Beech, Cottonwood, Sugar Maple, Soft or Water Maple, and Sycamore shall be inspected according to the rules governing Poplar, with the exception of bright and sound sap, which will not be considered a defect.

PLAIN OAK.

FIRSTS.—Shall not be less than eight inches in width; from eight to twelve, shall be clear; twelve to sixteen inches wide, may have one standard knot; sixteen to twenty inches wide, may have two standard knots, showing on one side only, or two inches of sound sap. Worm-holes will not be admitted.

SECONDS.—Shall not be less than six inches in width; from eight to twelve inches, may have two standard knots; twelve to sixteen inches, may have three standard knots; sixteen to eighteen inches, may have three inches of bright, sound sap.

Live sap admitted on one side in the grades of Firsts and Seconds in Plain Oak, not to exceed one-fifth of the surface, if without other defects.

CULL AND COMMON OAK.—Shall be inspected according to the rules governing Poplar.

QUARTERED OAK.

FIRSTS.—Shall not be less than six inches in width; from six to eight inches, must be clear; eight to twelve inches, may have one standard knot, showing only on one side, or an equal defect.

SECONDS.—Shall not be less than five inches in width; five to nine inches, may have one standard knot, or equal defect; nine to twelve inches, may have two standard knots, or an equal defect.

• RULES
FOR THE
REGULATION OF THE DAILY SESSIONS
OF THE
CINCINNATI CHAMBER OF COMMERCE.

RULE 1. The doors of the Exchange Hall shall be opened at 10 o'clock A. M. and closed at 2:30 P. M., city time, except on Sundays, legal holidays, and days on which an adjournment may have been effected, when the Hall will be closed.

RULE 2. The daily sessions of the Association shall be held between 11:30 A. M. and 1 o'clock P. M., city time.

RULE 3. Visitors, who are non-residents of Cincinnati and the adjacent cities, may be admitted to the Exchange Hall after 10 o'clock A. M. when introduced by a member of the Association; but no person shall be admitted more than seven times, within one year, except upon the approval of a member of the Board of Directors for each admission. All persons, so introduced, must consider themselves amenable to the Rules of the Chamber of Commerce, and will not be permitted to transact any business. Any violation of this rule will make the member introducing such party liable to the payment of the sum of twenty-five dollars for each offense. A book shall be kept, in which the names of all visitors, with their places of residence, and the names of the persons introducing them, shall be daily registered, the same to be open to the inspection of members.

RULE 4. Pastors of Churches in Cincinnati and adjacent cities, on application of members of their respective congregations who are members of this Association, the Judges of the Courts, the Mayor, the heads of Charitable Institutions, not engaged in business of any kind, and Officers of the U. S. Army and Navy, stationed here, in the discretion of the President, and such other distinguished citizens as may be authorized by the Board of Directors, may have issued to them complimentary tickets of admission to the Exchange Hall, good until the close of the calendar year for which they are issued. A complete record of all such tickets shall be kept, but in no case shall persons so admitted be allowed to transact any business, and any violation of this regulation shall be good cause for the withdrawal of such tickets.

RULE 5. The Hall may be used by auctioneers, who are members of the Chamber of Commerce, for the sale of stocks, bonds, and other property coming under the rules of the Chamber of Commerce, at 1:30 P. M., but, in every case, the consent of five members of the Board of Directors must be secured for such sale, and notice must be placed on the bulletin-board before 1 o'clock of the day preceding. In the case of stocks, bonds, etc., notice must state specifically the number and character of such securities. The sale must begin within five minutes of the time published, except when more than one sale has been announced, when the sales shall immediately follow in the order of application. No modification of the terms of sale or character of the stocks, etc. as advertised, shall be allowed, nor shall a larger quantity of stocks, etc., be sold than advertised, but nothing shall be

* Adopted February 5, 1889, save as to Rule 16, which had been adopted January 23 preceding, and as to the rental of sample desks (Rule 10), the rates for which were changed from \$10.00 to \$5.00 April 23, 1889.

construed herein to prevent such securities being in whole or in part withdrawn. This rule however, must not be construed to apply to sales "on account of whom it may concern," under the rules for the regulation of the various departments of trade.

RULE 6. The soliciting of money for any object, on the floor of the Exchange, will not be allowed.

RULE 7. Newspapers on the files must not be mutilated under any circumstances.

RULE 8. On the death of a member, notice of the same shall, in all cases, be placed on the obituary bulletin-board. and, at the request of five members, public announcement may be made by the President of the Association, and such action taken as may be regarded desirable.

RULE 9. No advertisements of any kind shall be displayed upon the walls of the Exchange Hall or other rooms occupied by the Association.

RULE 10. Sample desks shall be provided in the Exchange Hall, the rental for which shall be \$5 per annum, payable in advance. The choice for such desks shall be sold at auction, at such time after the occupation of the new building as may be named by the Board of Directors, and thereafter at such times as said Board may authorize, after the expiration of three years. All samples of grain and flour must be placed in the drawers after the close of 'Change.

RULE 11. Persons shall not be permitted to congregate in the lobby nor in the approaches to the same.

RULE 12. The throwing of dough, flour, grain, or other missiles will not be permitted in the Exchange Hall.

RULE 13. No person shall appear in his shirt sleeves in the Exchange Hall.

RULE 14. No member will be permitted to bring a case before the Board of Directors, or any of the Committees, when he is in arrears for membership dues, desk rent, or fees of any kind.

RULE 15. No person who has been denied membership shall be admitted to the courtesies of the rooms of the Association for a period of six months.

RULE 16. Smoking in the Exchange Hall, and in the approaches to the same, is forbidden, but will be allowed in the apartment known as the Reading Room.

TARIFF OF CHARGES

FOR

STORAGE, COMMISSIONS, TARES, ETC.

ADOPTED BY THE BOARD OF DIRECTORS OF THE CINCINNATI CHAMBER OF COMMERCE
SEPTEMBER 10, 1888.

RATES OF STORAGE.

	1st Month.	2d Month.		1st Month.	2d Month.
Apples, Green, per bbl.....	5c	4c	Canned Goods, 1 gal., per case.....	3c	2½c
“ Dried, per bbl.....	5	4	“ “ ½ gal., per case.....	2	1½
“ Dried, per sack.....	3	2½	“ “ 3 lbs. (2 doz.), per case	2	1½
“ Evaporated, per case.....	2	1½	“ “ 2 lbs. (2 doz.), per case	2	1½
“ 1 gal., per case.....	2½	2	“ “ 1 lb. (2 doz.), per case	2	1½
“ ½ gal., per case.....	2½	1¾	Cement, per bbl.....	10	8
Ashes, Pots and Pearls, per tierce...	8	6	Cheese, per box.....	3	2
Bagging, per piece.....	5	4	Cider, per bbl.....	10	8
“ per 100.....	5	4	Coal Oil, per bbl.....	12	10
“ per 50.....	2½	2	Coffee, per bag.....	5	4
“ per 35.....	2	1¾	“ 100 lbs., per case.....	5	4
“ per 30.....	2	1½	“ 60 lbs., per case.....	4	3
Bags, Gunny, per bale.....	15	15	Cotton Ties.....	2	1½
“ Jute, per bale.....	10	8	Cotton Yarn, per bag.....	5	5
“ Seamless, per bale.....	5	4	Cranberries, per bbl.....	10	8
Barytes, per bbl.....	15	10	Crockery, per crate.....	30	25
Batting, 100 lbs., per bale.....	6	5	Currants, per cask.....	25	20
“ 50 lbs., per bale.....	4	3	“ per bbl.....	10	8
“ 25 lbs., per bale.....	3	2½	Dried Fruit, per bbl.....	5	4
Beans (large), per sack.....	5	4	“ “ per sack.....	3	2½
“ (small), per sack.....	3	2	Dry Goods, per case.....	15	15
“ per bbl.....	6	5	“ “ per bale.....	10	10
Beef, per bbl.....	10	8	Earthenware, per cask or crate.....	50	50
“ per tierce.....	12	10	Eggs, case, per season.....	35	
Bitters, 1 doz., per case.....	3	1½	Fish, per bbl.....	4	3
Boots and Shoes, per 100 lbs.....	10	10	“ per ½ bbl.....	3	2
Borax, per bbl.....	8	6	Flour, per bbl.....	5	4
Bottles, per cask.....	50	40	“ in sacks, reduced to barrels, same rate as barrels.		
“ per tierce.....	40	35	Glass, Window, 400 bxs. in car, per box.....	2	2
“ per bbl.....	10	8	“ Window, 200 bxs. in car, per box.....	3	3
Broom Corn, per bale.....	15	10	“ Window, 100 bxs. and less in car, per box.....	5	4
Brooms, per doz.....	5	4	“ Window, very large, imported, per box.....	40	35
Buckets, per doz.....	5	5			
Butter, per bbl.....	15	15			
“ in firkins or tubs, per 100 lbs., per season.....	40				
Candles, per box.....	2	1½			

	1st Month.	2d Month
Glassware, per cask.....	50c	50c
" per crate.....	50	50
" per tierce.....	15	10
" per bbl.....	5	4
" per case.....	8	4
Glucose, per bbl.....	15	12
Grain, in elevator, regular elevator charges.....		
" in sacks, per sack.....	3	3
Hams, per tierce.....	10	8
Hay, per ton.....	\$1 00	75
" hard pressed, per bale.....	15	10
" loose pressed, per bale.....	15	12
Hemp, per bale (large).....	25	25
" per bale (small).....	15	15
Hides, dry, car-load lots, each.....	2	1½
" wet, car-load lots, each.....	3	2
" car load-lots, per bale.....	50	40
Fig wines, per bbl.....	10	10
Hops, Domestic, per bale.....	20	15
" German, per bale.....	25	20
Horseshoes, per keg.....	5	5
Household Goods, furniture car.....	\$3 50	\$3 50
Iron and Steel, per 100 lbs.....	2	1½
Iron, Pig or Blooms, per ton.....	5	5
Kraut, per cask.....	25	20
" per bbl.....	15	10
" per ½ bbl.....	12	10
Lead, per 100 lbs.....	2	1½
Lead, White or Red, per 100 lbs.....	4	3
Leather, per roll.....	10	10
Lemons, per box.....	10	8
Lime, per bbl.....	6	6
Liquors, Foreign and Domestic, per ½ pipe.....	20	20
" Foreign and Domestic, per ¼ pipe.....	10	10
" Foreign and Domestic, per bbl.....	10	10
Macaroni, per box.....	3	2
Merchandise of all kinds, not speci- fied, per 100 lbs.....	15	15
Mill Feed—Bran, Middlings, etc., per sack.....	4	3
Mosses, per bbl.....	10	8
Moss, per bale.....	20	15
Nails, per keg.....	3	2
Nuts, per bbl.....	6	4
" per sack.....	4	3
Oakum, per bale.....	3	3
Oil, per bbl.....	10	8
" Petroleum, per bbl.....	25	25
Onions, per bbl.....	5	4
" per sack.....	5	4
Oranges, per box.....	10	8
" per bbl.....	10	8
Paint, per bbl.....	12	10

	1st Month.	2d Month
Paper, per bundle.....	1c	1c
" News, rolls, per car.....	\$10 00	\$9 00
Peaches, Dried, per bbl.....	5	4
" per sack.....	4	3
Peanuts, per bag.....	5	4
Peas, per bbl.....	5	4
" per sack.....	5	4
Pecans, per bbl.....	5	4
" per sack.....	4	3
Pepper, per package.....	4	3
Pickles, per bbl.....	10	9
" per ½ bbl.....	8	6
" gallon cases.....	3	3
" ½ gallon cases.....	2	2
" ¼ gallon cases.....	2	2
" pints.....	2	2
Pimento, per package.....	4	3
Pitch, per bbl.....	6	5
Plaster, per bbl.....	10	8
Portland Cement.....	10	8
Potash, per box.....	1	1
Potatoes, per bbl.....	5	4
" per sack.....	4	3
Prunes, per cask.....	40	35
" per sack.....	5	4
Queensware, per cask.....	50	50
" per crate.....	50	50
Rags, per bale.....	50	50
Railroad Spikes, per keg.....	6	4
Raisins, per box.....	2	2
Rice, per bbl.....	8	6
" per sack.....	8	6
Rope, per coil (small).....	3	2
Rosin, per bbl.....	6	5
Salt, per bbl.....	5	4
" Turk's Island, per bag.....	3	3
" Liverpool, per bag.....	5	4
Saltpeter, per bag.....	4	3
Seed, Clover, per bag.....	3	3
" Timothy, per bag.....	3	3
" Flax, per bag.....	2	2
" Red Top, per bag.....	4	4
" Millet, per bag.....	4	3
" Hungarian, per bag.....	4	3
Shot, per keg.....	6	5
Soup, per box.....	2	2
" per case.....	2	2
Soda Ash, per cask (large).....	50	40
" per cask (small).....	40	30
" per tierce.....	30	25
Soda, Caustic, per drum.....	12	10
" Sal, per tierce.....	8	8
Starch, per box.....	2	2
" per bbl.....	5	4
" per crate.....	5	4
" per case.....	2	2
Stoves, large, each.....	35	30

	1st Month.	2d Month		1st Month	2d Month
Sugar, per bbl.....	6c	5c	Whiting, per bbl.....	10c	8c
" per hhd.....	30	25	Wine, per cask.....	20	20
Tallow, per bbl.....	12	10	" per 1/2 cask.....	10	10
Tar, per bbl.....	10	8	" per case.....	3	3
Tea, per chest.....	8	8	Wool, per sack.....	12	10
" per 1/2 chest.....	5	5	Yarn, Wool and Cotton.....	12	10
" per caddy.....	2	2			
Tin, 20x28, per box.....	3	3			
" 14x20, per box.....	2	2			
" 14x14, per box.....	2	2			
Tobacco, Leaf, per hhd.....	50	40			
Tubs, per nest.....	5	4			
" per doz.....	15	13			
Turpentine, per bbl.....	15	12			
" 10 gallons, per case....	4	3			
" 5 gallons, per case....	3	3			
Vinegar, per bbl.....	10	8			
Whisky, per bbl.....	10	10			

COMMISSIONS.

On sales of Flour, per bbl.....	10	cents.	On Seed, Timothy.....	2	per cent.
On purchase of same, cash in hand, per bbl.....	5	"	On Seed, Flax.....	1½	" "
On sales of Pork, Beef, Lard, Bacon, Tallow, Oils, Sugar, Molasses, Coffee and Cotton.....	2½	per cent.	On Seed, Blue Grass.....	5	" "
Purchasing of the same, cash in hand.....	2½	" "	On Seed, Herd Grass and Red Top.	5	" "
On sales of Hay, per ton.....	50	cents.	On Seed, Hungarian and Millet...	2½	" "
On sales of Domestic Liquors, of all kinds, excepting Whisky and Highwines.....	5	per cent.	On Green Apples, per bbl.....	15	cents.
On sales of Highwines, on account of distillers, per bbl.....	25	cents.	On Potatoes, per bbl.....	15	"
On sales of Live or Dressed Hogs..	2½	per cent.	On Potatoes, in bulk.....	5	per cent.
On sales of Rye, Wheat and Corn, per bushel.....	1	cent.	On purchase of same, cash in hand.	2½	" "
On sales of Barley, per bushel....	2	cents.	On sales of Butter and Cheese.....	5	" "
On sales of Oats, per bushel.....	½	cent.	On sales of Pig Iron or Blooms...	2½	" "
For use of sacks when furnished by consignee, for each ten days out, per bushel.....	1½	cents.	On sales of Cooperage.....	5	" "
On Seed, Clover.....	1½	per cent.	On sales of all other articles of Produce and Merchandise....	5	" "
			For guaranteeing Time Sales.....	2½	" "
			For drawing and negotiating bills with indorsement.....	2½	" "
			For adjusting insurance on losses, on amount received.....	2½	" "
			For collecting moneys by legal process.....	2½	5
			For receiving and remitting money, including purchase of exchange	¼	" "

CHARGES FOR CURING, PACKING, ETC., THE HOG PRODUCT.

PORK BUSINESS.			
Curing Meats in bulk (dry salt), per 1,000 lbs.....	\$3 00	Packing Bulk Meat in hogsheads, exclusive of salt and hogsheads, per hhd.....	35c
Packing Pork, per bbl.....	2 00	Packing Bacon in hogsheads, exclusive of hogsheads, per hhd.....	25
Packing or trimming Pork or Beef in barrels, exclusive of barrels, salt and pickle, per bbl.....	45	Packing canvased Hams in tierces, exclusive of tierces and paper, per tierce.....	30
Packing or trimming Pork or Beef in barrels, exclusive of barrels, salt and pickle, in ½ bbls.....	35	Packing Bacon in boxes, exclusive of boxes, per box.....	25
		Packing English Meats in boxes, exclusive of boxes and salt, per box.....	50

Packing Hams in slack barrels, exclusive of barrels, per bbl.....	\$0 20
Clearing Clear Rib Sides, per 1,000 lbs.....	50
Receiving and bulking Cured Meats, per 1,000 lbs.....	1 25
Overhauling and rebulking Cured Meats, per 1,000 lbs.....	1 00
Smoking Dry Salted Meats, per 1,000 lbs....	1 50
Smoking Sweet Pickled Meats, per 1,000 lbs.	2 50
Curing Meats in sweet pickle, per 100 lbs....	1 00
Canvassing Sugar Cured Meats, exclusive of materials, per piece.....	2½
Weighing Bulk Meats or Bacon, per 1,000 lbs.	12½
Nailing, boring, weighing and marking tierces of same, per tierce.....	5
Nailing, boring, weighing and marking of same, per bbl.....	4

CHARGES FOR STORAGE OF THE HOG PRODUCT.

On Pork, where received, per bbl., first month, 8c.; each additional month, 5c.

On Lard, where received, per tierce, first month, 10c.; each additional month, 8c.

On Bulk Meats, where received, per 1,000 lbs., first month, 40c.; each additional month, 20c.

Storage to commence March 1st on all articles

made from hogs received and packed the regular way.

Where pieces are taken in to be cured, storage shall commence with the date of receipt of such pieces.

Bacon, per hogshead, 25c. per month.

Bacon, per ¼ hogshead and box, 15c. per month.

Hams, canvassed, each, 1c.

Insurance shall commence at the time the stuff is received, and rates charged shall be governed by the customary rules of insurance companies for short or long policies.

Commissions on sales, 2½ per cent.

COLD STORAGE CHARGES.

Pickled Meats, in tierces, 35c. per tierce for first month, and 25c. per tierce, per month, thereafter.

Dry Salt Meats, receiving, bulking, and one-month storage, \$2 50 per 1,000 lbs.; each additional month, \$1 00 per 1,000; rebulking, \$1 25 per 1,000 lbs.

NOTE.—All goods, wares, or merchandise, left or consigned for sale, with or to Commission Merchants, and upon which cash advances have been made, are liable to be sold at any time, should it be necessary, in order to protect the advances made.

RATES OF CHARGES ON COTTON.

1st. The charge for insurance, drayage, labor and sampling, weighing, storage and commission on Cotton to be, in all, \$1 00 per bale, with additional charge for insurance of ¼ per cent. per month, and storage of 15c. per bale, after first month, for each additional month.

2d. Regular rates of insurance, in transit, established by Board of Underwriters, to be charged.

3d. Interest at the rate of 6 per cent. per annum shall be charged on all advances of every character.

NOTE.—All shipments are covered by open policies of insurance, unless owners instruct otherwise at or before shipment; and in all cases where advances have been made, or shipments drawn against, the property is covered to the amount of such advances or drafts, without reference to instructions.

CHARGES FOR RECEIVING AND FORWARDING.

Whisky, Pork, Lard, Fish and Tallow, per bbl.	5c	Sugar, per hhd.....	15c
Cotton, per bale.....	6	Molasses, per bbl.....	6
Flour, per bbl.....	3	Beans, Dried Apples and Peaches, per pkg..	5
Kegs of Lard and Butter, per keg.....	2	Pig Iron, per ton.....	20
Hogsheads of Bacon and Tallow, per hhd....	10	All other articles of Produce or Merchandise, per 100 lbs., including transfer.....	10
Pork and Bacon, in bulk, per 1,000 lbs.....	10	For advancing charges and freight.....	2 per cent.
Hats, Bonnets, Shoes and Feathers, per pkg.	5		
Salt, per bbl.	3		
" per sack.....	2		
Leaf Tobacco, per hhd. or box.....	20		

NOTE.—All actual charges incurred, including drayage, insurance, cooperage or storage, are to be added to the above rates.

TARES.

Sugar, in hogsheads.....	12 per cent.
Indigo, in ceroons	11 " "
Salt, per bbl. (280 lbs.).....	20 pounds.
" per bbl. (7 bush.).....	25 " "

Cotton, Feathers, Salt in bags, and Spices.....No tare.

All other articles in hogsheads, casks, tierces, barrels, kegs or boxes, not enumeratedActual tare.

WEIGHTS.

Standard weights, in the absence of contracts, of various commodities, adopted by the Board of Directors of the Cincinnati Chamber of Commerce and Merchants' Exchange, April 3, 1888:

	BUSHEL.		BUSHEL.
Apples, Dried.....	25 lbs.	Seed, Clover.....	60 lbs.
Barley.....	48 "	" Flax.....	56 "
Barley Malt, including weight of sacks.	34 "	" Hemp, Imported.....	40 "
Beans.....	60 "	" Hemp, Domestic.....	44 "
Buckwheat.....	50 "	" Hungarian.....	48 "
Chestnuts, as to dryness.....	50@56 "	" Lawn Grass.....	16 "
Corn in ear, 70 lbs., until changed by		" Millet, Common.....	50 "
Board of Directors to.....	68 "	" Millet, German.....	50 "
Corn, Shelled.....	56 "	" Orchard Grass.....	14 "
Corn Meal.....	50 "	" Osage Orange.....	33 "
Hair, Plastering.....	8 "	" Sorghum.....	50 "
Hominy.....	60 "	" Red Top.....	14 "
Lime.....	70 "	" Timothy.....	45 "
Oats.....	32 "	" Turnip.....	50 "
Onions.....	56 "	" Rape.....	50 "
Onion Sets, Top.....	28 "	Wheat.....	60 "
" " Bottom, Struck Measure.			TON.
Peas, Dried.....	60 "	Broom Corn.....	2,000 lbs.
Peanuts.....	22 "	Bran, Shipstuff and Middlings.....	2,000 "
Potatoes.....	60 "	Coal.....	2,000 "
" Sweet.....	50 "	Coke.....	2,000 "
Rye.....	56 "	Hemp.....	2,240 "
Salt.....	*50 "	Iron, Pig, chill mould.....	2,240 "
Seed, Blue Grass, Kentucky.....	14 "	" Pig, sand mould.....	2,268 "
" Blue Grass, English.....	24 "	" Pig, blooms.....	2,464 "
" Broom Corn.....	46 "	" Ore.....	2,240 "
" Castor Beans.....	46 "	" Scrap.....	2,000 "

* This, as adopted on April 3, 1888, was 56 pounds, but was changed to 50 pounds April 17, 1888.

MEMBERS
OF THE
CINCINNATI CHAMBER OF COMMERCE
AND
MERCHANTS' EXCHANGE.

FEBRUARY 29, 1892.

MEMBERS

OF THE

CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.

FEBRUARY 29, 1892.

NOTE.—The first column indicates the number of the Certificate of Membership; where a blank exists therein, the membership has no certificate. Where an official title in italics is annexed to a name, in the column under the head of "Name," such title, with the title of the corporation following, may not express the present official relations of the member, inasmuch as this shows only the manner in which the name appears in the Certificate of Membership, which is not changed till transferred on the books of the Chamber of Commerce under the rules of the same, though the official relations of the member to the corporation may have previously changed or actually terminated.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
44	Abernathy, Jno. B.	Cin. Lead Pipe & Sheet Lead W'ks.	Real Estate.	39 Johnston Building, 17 & 19 E. Ninth st.
2076	Abraham, John D.			Camp Washington, City.
1555	*Adams, C. T.			Cynthiana, Ky.
1368	Adam, Henry	C. B. Cook & Co.	Brewer.	Carlisle Building.
1959	Addy, Matthew	Matthew Addy & Co.	Millers and Distillers.	Flint and Deuman sts.
1171	Adrian, N. R., <i>Chief Clerk</i>	Cin. Ham. & Dayton R. R.	Davis Carriage Co., Manager.	Covington, Ky.
1254	Ahlert, Charles H.	The Ahlers Co.	Manufacturers of Vinegar.	85 & 87 E. Front st.
3554	Ahlert, George F.	Hoffman & Ahlers	Cincinnati Copper Works.	Pittsburgh, Pa.
2777	Ailes, John W.	Alps Coal Co.	Cashier.	Ninth and Main sts.
3320	Albert, William	Second National Bank.	Carriage Goods.	265 and 267 Main st.
3633	Albrecht, Charles H.	Chas. H. Albrecht & Co.	Newspaper Advertising Agents.	68 W. Third st.
2343	Alden, Frank H.	Alden & Faxon	Steamboat Clerk.	Newport, Ky.
2914	Alexander, James S.	Cincinnati Syrup & Molasses Co.	President.	13 & 15 Main st.
3561	Alexander, M. H.	The Morgan & Dye Co.	Hay and Grain.	Race and Water sts.
2728	Allen, Chester B.			S. W. cor. Pearl and Walnut sts.
2742	Allen, E. L.	Utter, Adams & Allen	Wholesale Grocers.	6 Chamber of Commerce Bldg.
2182	Allen, Horace M.	with Allen & Munson	Flour, Grain and Commission	111 Sycamore st.
3220	Allen, John H.	J. N. Harris & Co. (Limited)	Proprietary Medicines.	6 Chamber of Commerce Bldg.
380	Allen, Thomas H. C.	Allen & Munson	Flour, Grain and Commission	578 W. Sixth st.
3672	Allen, Thomas W.	with Geo. H. Rover & Co.	Clerk.	Chicago, Ill.
3358	Allen, William L.	World's Columbian Commission	Chief, Department of Manufactures.	168 Vine st.
2841	Allison, Robert	Allison & Smith	Type Founders and Electrotypes.	Main & Canal sts.
3442	Alms, Frederick H.	The Alms & Doepke Co.	Dry Goods.	Main & Canal sts.
3281	Alms, William H.	The Alms & Doepke Co.	Dry Goods.	91 W. Pearl st.
2444	Alter, Frank, <i>President</i>	Exchange National Bank		

110	Anann, Edmund.....	.....	Distiller.....	Nicholasville, Ky.
764	Ambrose, Harry T.....	The American Book Co.	Publishers and Blank Book Mfrs.	806 Broadway, New York.
3533	Amendt, Eckert.....	E. Amendt & Co.	Millers.....	Eight st., east of Broadway.
3043	Ammann, William.....	with Phil Ammann.....	Maltster.....	26 Sycamore st.
917	Anderson, Charles, Jr.....	L. G. Anderson's Sons.....	Attorney at Law.....	158 E. Third st.
3343	Anderson, Charles M.....	.....	Grain & Lumber.....	Franklin, O.
490	Anderson, Davis C.....	.....	Agent, Longworth Estate.....	70 Pike st.
1047	Anderson, Joseph L.....	.....	Executive, Longworth Estate.....	158 E. Third st.
423	Anderson, Larz.....	.....	Civil Engineer.....	158 E. Third st.
3445	Anderson, Latham.....	.....	Leaf tobacco.....	49 Johnston Building.
2747	Anderson, L. T.....	.....	Secretary and Treasurer.....	102 Water st.
2306	Anderson, Pembroke S.....	The American Cotton Oil Co.....	.....	19 Hopkins street.
3217	Anderson, Vachel W.....	.....	Insurance.....	113 E. Sixth st.
81	Anderson, William P.....	.....	.....	75 Pike st.
3404	Andrew, Harry T.....	J. Walker Brewing Co.....	Secretary and Treasurer.....	547 Freeman ave.
1475	Andrew, Charles.....	P. Andrew & Co.....	Grain Commission.....	385 Sycamore st.
1474	Andrew, Frank.....	P. Andrew & Co.....	Grain Commission.....	367 E. Front st.
1473	Andrew, Peter.....	P. Andrew & Co.....	Grain Commission.....	367 E. Front st.
2184	Andrew, William.....	Tweed & Andrews.....	Insurance.....	367 E. Front st.
349	Andrews, Daniel.....	.....	Insurance.....	13 Masonic Temple.
1499	Andrews, E. W.....	.....	Insurance.....	15 W. Third st.
982	Arens, August A.....	.....	Insurance.....	182 W. Fourth st.
2722	*Arnel, Daniel F.....	Smyrl, Armstrong & Hughes.....	Commission, Flour.....	59 W. Fourth st.
3105	Arnel, William J.....	Board of Review.....	Secretary.....	Court House.
.....	Armstrong, A. E.....	Louisville & Nashville R. R. Co.....	Agent.....	40 Chamber of Commerce Bldg.
285	Armstrong, Frank A.....	Cin. New Orleans & Tex. Pacific Ry.....	Master Commissioner.....	N. E. cor. Second and Park sts.
1670	Arnold, Brent, General Agent.....	Henry Pearce's Sons.....	Mfrs. Cotton Yarn, Twine, etc.....	Newport, Ky.
2286	Arnold, J. M.....	Compton, Ault & Co.....	Wood and Willow-ware.....	114 W. Second st.
3125	Artsman, Gus.....	Ault & Wiborg.....	Manufacturers Printing Inks.....	Second and Walnut sts.
1694	Atkins, Harry T.....	Cincinnati Freie Presse.....	Newspaper Publishers.....	Foot of New st.
2931	Ault, L. D.....	.....	.....	Vine and Canal sts.
3076	Ault, Levi A.....	.....	.....	.....
1811	Austerlitz, E. H.....	.....	.....	.....
3348	Babbitt, Hatlaway.....	Firemen's Insurance Company.....	Solicitor.....	29 W. Third st.
3066	Backman, John J.....	Langtree, McGuire & Co.....	Flouring Mills.....	Aurora, Ind.
2936	Baer, Simon.....	Baer, Levi & Co.....	Manufacturers of Cotton Yarns.....	609 & 611 Gilbert av.
3488	Baggott, Charles E.....	The Western Mfg. Co.....	.....	.....
388	Bailey, A. L., Secretary.....	U. S. Baking Co. (Langton Branch).....	Bread and Cracker Bakers.....	23-33 Lock st.
547	Bailey, John W.....	Grasselli Chemical Co.....	Superintendent.....	Eggleston ave. and Pearl st.
3685	Bailey, Samuel C.....	Cincinnati Transfer Co.....	Transportation.....	S. W. cor. Second and Vine sts.
1343	Bailey, Samuel, Jr., Sup't.....	James A. Baird & Co.....	Commission.....	5 Public Landing.
1831	*Bailey, William F.....	James A. Baird & Co.....	Commission.....	5 Public Landing.
181	Baird, Albert B.....	.....	.....	.....
180	Baird, James A.....	.....	.....	.....

* Deceased.

MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
1876	Baker, A. L.		Coal Gauger.	N. W. cor. Front and Broadway.
2423	Baker, Charles W.			
2082	*Baker, David.			
1417	Baker, Jacob S.			
2369	Balderson, John P.			
2045	Baldridge, J. W.	J. W. Baldridge & Co.	Manufacturers of Saws.	9 Vine st.
773	Baldwin, Ashbel C.	McFarlan, Baldwin & Co.	Commission and Groceries.	46 & 48 Vine st.
2457	Baldwin, Eli C.		Agent.	227 Main st.
233	Baldwin, Frank H.	The American Cotton Oil Co.	Oils.	P. O. Box 492 City.
2921	Baldwin, Robert B.		Fire Insurance	Rockford, Ill.
2375	Balke, Julius, Jr.	The Brunswick-Balke-Collender Co.	Billiard Tables.	8 & 10 W. Sixth st.
2834	Balke, Rudolph Frank.	The Melwood Distillery Co.		Louisville, Ky.
1642	Ballard, Robert.		Coal Dealer.	29 E. Fourth st.
2453	Ballman, F. H.	Irwin, Ellis & Ballman.	Note, Stock and Bond Brokers.	51 W. Third st.
1297	Bannin, David.		Retired Merchant	City.
53	Bard, S. W.		Coal.	Foot of Harriet st.
1406	*Bare, Martin.			
1407	Bare, William C.	M. Bare & Co.	Commission, Cordage, Bags, etc.	75 Walnut st.
2924	Barnard, J. F., <i>Pres't & Gen'l Mgr.</i>	Ohio & Mississippi Railway Co.		Central Union Station.
138	Barney, A. C.	Agent, Estate of S. N. Pike.		25 Pike's Building.
2325	Barrett, John.	John Barrett & Son.	Coal Dealers.	N. W. cor. Front and Broadway.
2336	Barrett, Oscar F.	John Barrett & Son.	Coal Dealers.	N. W. cor. Front and Broadway.
3576	Barrett, Silas M.	Consolidated Time Lock Co.	Treasurer	161 W. Third st.
2187	Bassenhorst, W. C.		Merchant Tailor	221 Vine st.
2311	Bateman, Warner M.		Attorney at Law.	29 & 30 Johnston Building.
2877	Bates, Clement.		Judge, Court of Common Pleas.	Court House.
2083	*Bates, Ethan S.			
3102	Bates, Joshua H.		Attorney at Law.	27 1/2 W. Third st.
2514	Bauer, George.			Lawrenceburg, Ind.
2636	Bauer, Jacob M.	The Bauer Cooperage Co.		Lawrenceburg, Ind.
2004	Bauer, John G.	The Bauer Cooperage Co.		27 Melancthon st.
2056	Bauer, Morris.		Contractor.	22 W. Front st.
3188	Bayless, Thomas C.	T. C. Bayless & Co.	Commission.	52 Smith Building.
3635	Beall, John R.	with W. W. Granger, Jr. & Co.	Grain.	
2007	Beardsley, Clarence B.		Superintendent.	82 W. Third st.
3478	Beardsley, George H.	The Bradstreet Co.		62 & 64 W. Third st.
2965	Beattie, J. H., <i>Secretary</i>	Amazon Insurance Co.	Assistant Cashier.	United Bank Building.
2859	Beazell, Howard M.	Citizens' National Bank.		South Omaha, Neb.
2086	Becker, George.	with R. Becker.	Live Stock Dealer.	166 W. Court st.
720	Beeching, John.	Lahmann & Beeching.	Produce and Commission.	Sixth and Carr sts.
2088	Beeching, Harry.	with P. Wilson & Sons	Salesman	Terre Haute, Ind.
1425	Beggs, John.	Wabash Distillery Co.		10 & 12 Baker st.
2190	Behrens, Henry.		Carpenter and Builder.	

1957	Bell, Charles W.	Cincinnati Tin & Japan Co.	Secretary and Treasurer.	174 & 176 Main st.
3491	Bell, John E.	Van Leunen & Co.	Grain and Hay.	5 Chamber of Commerce Bldg.
194	Bell, John E.		Real Estate Dealer.	161 Main st.
3157	Bell, William	The Cincinnati Mercantile Co.	Dry Goods.	S. W. cor. Sixth & Race sts.
737	Bemis, Warren B.	W. B. Bemis & Co.	Commission.	50 Milton st.
3327	Beneker, Henry W.	with James Griffith & Sons.	Book-keeper	Hunt & Abigail sts.
2121	Benndorf, Karl F., <i>President</i> .	Farmers' Insurance Co.		19 W. Third st.
3316	Bennett, W. A.	Bennett & Witte	Lumber.	99 W. Fourth st.
2656	Bent, F. W.	Traders' Dispatch	Agent	S. W. cor. Fourth & Vine sts.
2919	Benus, Adam	Eureka Fire and Marine Ins. Co.	Secretary	23 W. Third st.
1442	Berk, Frederick H.	Dietz & Berk	Grain Dealers	Trenton, Butler Co., O.
3575	Bernard, Lewis G.	Ezekiel & Bernheim	Auctioneers and Commission.	735 Lincoln ave.
1659	Bernheim, Samuel		Attorney at Law.	134 Main st.
3303	Berry, Albert S.	Goebel & Bettinger	Attorneys at Law.	Newport, Ky.
2839	Bettinger, Albert	Washington Insurance Co.	Insurance	Smith Building.
972	Betts, Charles S., <i>Agent</i> .	The Mound City Distillery Co.		76 W. Third st.
3236	Bevis, Alfred	Biedinger & Co.	Wholesale Paper Dealers.	St. Louis, Mo.
2405	Biedinger, Nicholas		Liquor Dealer.	73 Walnut st.
2720	Bigger, J. K. P.	C. N. O. & T. P. Ry. Co.	Real Estate	180 Vine st.
1943	Bigstair, Samuel	J. W. Biles & Co.	Assistant General Freight Agent.	Mitchell Building.
3171	Biles, George P.	W. C. Biles & Co.	Commission, Whisky	35 W. Fourth st.
381	Biles, J. W.		Commission, Whisky	53 & 55 Sycamore st.
3365	Biles, William C.		Wines, Liquors and Cigars	N. E. cor. Second and Main sts.
2191	Billigheimer, D. L.	The C. H. Bishop Flour Co.	Coal and Coke	210 & 212 Vine st.
3192	Brinbryer, August	Cincinnati Gas Light & Coke Co.	President.	S. E. cor. Findlay & Plum sts.
794	Bishop, Charles H.	The R. M. Bishop Cigar Co.	Purchasing Agent.	3 Wiggins Block.
2018	Bishop, Daniel L.	The R. M. Bishop Cigar Co.	Manufacturers of Cigars	S. W. cor. Fourth and Plum sts.
1496	Bishop, James A.	Cincinnati Tin and Japan Co.	Manufacturers of Cigars	114-120 E. Pearl st.
1493	Bishop, R. M.	Willmer & Bismeyer	Vice-President.	114-120 E. Pearl st.
2049	Bismeyer, Werner	Cincinnati Music Hall Association.	Feed Store.	174 & 176 Main st.
3347	Blackburn, J. F.	W. H. Brown Sons.	Secretary	711 & 713 Vine st.
350	Blackmore, James A.	Dawson Blackmore & Co.	General Manager	Music Hall.
3176	Blackmore, Dawson	with J. M. McCullough's Sons.	Commission, Flour and Provisions.	Front and Lawrence sts.
309	Blair, J. D.	The J. M. Blair Brick Co.	Book-keeper	38 & 40 Vine st.
687	Blair, J. Milton	Equitable National Bank	President	134 Walnut st.
3131	Blair, John M.	Smith & Blair	Cashier	Carew Building.
3506	Blair, William W.	Peel Splint Coal Co.	Merchandise Brokers	74 W. Third st.
2338	Blase, Henry F.		Merchant Tailor	85 W. Second st.
3134	Blinn, William		Coal	Covington, Ky.
3417	Blinn, George A.	Abe Bloch & Co.		Foot of Vine st.
630	Bloch, Abe	The Bloch Publishing & Printing Co.	Clothiers.	124 Vine st.
2092	Bloch, Edward	Elias Bloch & Sons	President.	S. W. cor. Plum and McFarland.
1976	Bloch, Elias	with Elias Bloch & Sons	Wholesale Liquors	29-32 Sycamore st.
874	Bloch, Joseph E.	Leon Bloch & Co.	Book-keeper	29-32 Sycamore st.
878	Bloch, Joseph E.		Wholesale Liquors	13 W. Third st.
3463	Bloch, Leon			

* Deceased.

MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
2502	Block, Louis, Jr.	with Elias Block & Sons.	Superintendent.	28-32 Sycamore st.
875	Block, Louis T.	Elias Block & Sons	Wholesale Liquors.	28-32 Sycamore st.
876	Block, Samuel.	Elias Block & Sons	Wholesale Liquors.	28-32 Sycamore st.
2709	Bloom, Abraham.	Glas, Bloom & Co.	Produce Commission.	23 W. Front st.
3489	Blumenthal, Alexander.	with I. Blumenthal & Co.	Hops and Barley.	S. W. cor. Pearl and Pike sts.
.....	Blumenthal, Isidore.	I. Blumenthal & Co.	Hops and Barley.	Chicago, Ill.
3240	Blumenthal, Max.		Hops and Barley.	2 Bond st., New York.
1535	Blymyer, D. W., <i>Cashier.</i>	Blymyer Manufacturing Co.	Steam Engines & Sugar Machinery.	664-694 W. Eighth st.
1533	Blymyer, Wm. H.	Blymyer Manufacturing Co.	Steam Engines & Sugar Machinery.	664-694 W. Eighth st.
1534	Blymyer, Wm. H., <i>Sec'y & Treas.</i>	Blymyer Manufacturing Co.	Steam Engines & Sugar Machinery.	664-694 W. Eighth st.
1038	Boaz, C. H.	C. H. Boaz & Co.	Railway Supplies.	7 E. Fourth st.
2756	Bohrer, Albert F.	German National Bank.	Cashier.	S. E. cor. Third and Walnut.
713	Bohrer, George H.		Fire and Marine Insurance.	17 W. Third st.
595	Bonsall, R. T.	Charles Bonsall & Son.	Gruin.	Lafayette, Ind.
2630	Born, Samuel.		Brewing.	Sycamore and Abigail sts.
73	Boss, Christian, <i>President.</i>	Gambrinus Stock Co.	Brewing.	Sycamore and Abigail sts.
74	Boss, C. W., <i>Secretary.</i>	Gambrinus Stock Co.	Brewing.	Pike's Building.
1920	Boss, Edward.	Gambrinus Stock Co.	Attorneys at Law.	160 Walnut st.
3566	Bosworth, Charles H.	Foraker, Black & Bosworth.	Merchant Tailor.	179 Race st.
2090	Bottenus, D.	Boughen Engineering Co.	Attorney at Law.	Carlsle Building.
3593	Boughen, Thomas W.			Lane st., Walnut Hills.
782	Bowler, R. B.	Walnut Hills Coal & Sewer-pipe Co.		
3467	Bowman, C. L.	Miami Stock Yards Co.		
1060	Bowman, H. Andrew, <i>Sup't.</i>			
2361	Bowman, Harry.	Boyce & Boyd.	Real Estate.	170 Race st.
2580	Boyce, E. C.	Charles C. Boyd & Co.	Attorneys at Law.	N. E. cor. Fourth & Walnut sts.
3428	Boyce, George W.	Charles C. Boyd & Co.	Lumber.	91 Water st.
2848	Boyd, Charles C.	Levanna Mill & Lumber Co.	Tobacco.	Levanna, Ohio.
3452	Boyd, Charles W.	J. N. Boyd & Co.	Lumber.	Richmond, Va.
3231	Boyd, James N.	J. W. Boyd & Co.	Millers.	177½ W. Fourth st.
3325	Boyd, John W.	J. M. Boyd & Co.	Lumber.	Hillsboro Ohio.
3278	Boyd, L. B.	Charles C. Boyd & Co.	Attorneys at Law.	91 Water st.
2716	Boyd, Samuel G.	Boyce & Boyd.	Broker and Investment Securities.	N. E. cor. Fourth & Walnut sts.
3429	Boyd, W. F.		Millers.	150 Walnut st.
208	Boydton, H. P.	Charles S. Boyer & Co.		Covington, Ky.
1132	Boyer, Charles S.		Chief Clerk.	Chamber of Commerce Bldg.
704	*Boyle, John.	Cincinnati Chamber of Commerce.	President.	N. W. cor. Second & Walnut sts.
63	Bradbury, George S.	The Bradford Belting Co.	Examiner and Measurer of Cloth.	56 Elm st.
2039	Bradford, Edward F.	Thomas Bradford & Co.	Broker, Grain, Provisions, Stocks.	129 Vine st.
2985	Bradford, Thomas.		Attorney at Law.	S. E. cor. Fourth and Main.
924	Bradley, F. A.		Book-keeper.	Camp Wash uthon, City.
2189	Bradstreet, Edward P.	with J. & F. Schroth.		
3586	Braemer, Theodore.			

258	Brugg, C. S.	The American Book Co.	Publishers and Blank Book Mfrs.	137 Walnut st.
1269	Brumble, A. L.		Commission, Live Stock	Stuckton, Butler Co., O.
1037	Brandt, A. R.			69 Wisconsin st., Chicago, Ill.
3487	Brauer, Frederick A.	Eckhardt & Brauer	Flour and Lard	576 W. Sixth st.
3640	Brecount, George S.	L., N. A. & C. R'y.	Commercial Agent	S. W. cor. Fourth and Vine sts.
3610	Bred, William J.	The Crane & Breed Mfg. Co.	President	683-715 W. Eighth st.
2710	Brehm, Henry		County Commissioner	Court House.
2908	Breiling, Frank	Aurora Fire and Marine Ins. Co.	Secretary	6 West Fourth st.
990	Breneman, Chas. W.	Chas. W. Breneman & Co.	Manufacturers of Window Shades	365 Walnut st.
728	Breneman, H. L.	Thoms & Breneman	Pork Packers	N. E. cor. Ninth and Sycamore.
1979	*Brenner, John			
657	Brent, C. R.	with National Starch Mfg. Co.		12 & 14 W. Second st.
94	Breuer, C. C.	Jackson Brewing Co.	Proprietary Medicines	227 Main st.
2511	Brewster, Joseph W.		President	284 McMicken ave.
1350	Briehl, Leo A.		Pork and Beef Packer	Camp Washington, City.
1072	Brill, Jacob	Hagans & Broadwell	Attorneys at Law	20 Pike's Building.
2044	Broadwell, Samuel J.			
3094	*Broadwell, W. H.		Feed Store	Oakley, Ohio.
3370	Broermann, Christian	with Washington Insurance Co.	Clerk	76 W. Third st.
3512	Brookfield, Edward	Washington Insurance Co.	President	76 W. Third st.
1173	Brookfield, E. V.	Washington Insurance Co.		76 W. Third st.
3342	Brookfield, E. V., President.	Brooks & Sandford	Produce Commission	176 W. Sixth st.
3692	Brooks, Charles G.	The Brooks-Waverfield Co.	Tobacco Commission	81-89 W. Front st.
2058	Brooks, Levi H.		County Treasurer	Court House.
3229	Brooks, Reuben B.			
2663	Brossart, Charles T.		Attorney at Law	Home City, Ohio.
3649	Brower, Abraham	Rogers, Brown & Co.	Pig Iron, Commission	United Bank Building.
345	Brown, Archer	J. R. Brown & Co.	Flour and Grain, Commission	35 Walnut st.
337	Brown, Charles A.		Attorney at Law	S. W. cor. Fourth and Main.
1771	Brown, Charles E.		City Auditor	City Buildings.
2095	Brown, Daniel W.		Coal and Coke	Front and Broadway.
1695	Brown, Frank A.	Geo. O. Brown & Co.	Commission	42 Walnut st.
2849	Brown, George O.	with Procter & Gamble	Freight Clerk	United Bank Building.
3202	Brown, Harry W.	J. W. Carr & Co.	Flour & Feed	576 W. Sixth st.
3339	Brown, Henry W.	Star Union Line	Transportation	82 W. Fourth st.
1448	Brown, H. Wilson, Agent.	J. R. Brown & Co.	Flour and Grain, Commission	35 Walnut st.
336	Brown, Joseph R.		Attorney at Law	78 & 79 Johnston Building.
2972	Brown, J. R. P.	L. F. Brown & Co.	Live Stock	370 Richmond st.
2194	Brown, L. F.	Consolidated Boat Store Co.	Manager	11 & 12 Public Landing.
837	Brown, Puris C.			110 Kleine st., Walnut Hills.
3453	Brown, Robert K.	W. H. Brown Sons	Coal and Coke	Pittsburgh, Pa.
2976	Brown, Samuel S.	Cincinnati Fire Department	Clerk	Sixth st., west of Vine st.
3268	Brown, Thomas	Mellen, Brown & Co.	Cotton Factors and Commission	85 W. Second st.
245	*Brown, Thomas F.			
1726	Brown, T. S.	with Eckstein White Lead Co.	Book-keeper	S. W. cor. Seventh & Freeman.
3350	Brown, T. S., Jr.			

* Deceased.

MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
2944	Brown, William.	.....	Ticket Agent.	Central Union Station.
2905	Browne, Joseph G.	.....	Brewer.	Cummins ville, City.
3315	Bruckmann, Henry A.	John C. Bruckmann	.....	41 Brookside ave.
1925	Bruckmann, John F. E.	.....	Brewer.	Cummins ville, City.
1926	Bruckmann, Wm. M.	John C. Bruckmann	.....	82 W. Third st.
2499	Bruehl, R. A. W.	R. A. W. Bruehl & Son.	General Insurance Agents.	82 W. Third st.
2675	Bruehl, W. A. R.	.....	General Insurance Agents.	76 W. Third st.
2998	Bruggeman, August.	with Washington Insurance Co.	Agent.	Covington, Ky.
3379	Bryson, Frank A.	Champion Ice Co.	Book-keeper.	Newport, Ky.
2096	Buchanan, F. A.	F. A. Buchanan & Co.	Insurance.	Newport, Ky.
931	Buchanan, H.	.....	Insurance.	Newport, Ky.
3095	Buchanan, R. P.	C. C. C. & St. L. Ry. Co.	General Agent	92 W. Fourth st.
2767	Buckner, W. T.	.....	Real Estate.	5 E. Fourth st.
979	Budd, Peter R.	Collier, Budd & Co.	Coal Dealers.	230 W. Fourth st.
731	Buhrman, Louis H.	Cincinnati Coeprage Co.	Treasurer and General Manager.	Cincinnati, O.
3541	Bullock, George.	.....	Feed Store.	First National Bank Bldg.
2639	Bunke, Barney.	.....	Miner and Shipper of Coal.	Fairmount, City.
1704	Buntion, Isaac N.	.....	Lard Oil and Stearine.	Pittsburgh, Pa.
1632	Burckhardt, Frederick.	Burckhardt & Co.	Cashier.	101 Sycamore st.
1633	Burckhardt, Rufus.	Burckhardt & Co.	Liquor Dealer.	239 Vine.
2717	Burdick, C. H.	.....	Hops, Malt and Brewers' Supplies.	344 Walnut st.
3116	Burger, Charles.	Burger Brothers.	Hops, Malt and Brewers' Supplies.	344 Walnut st.
1351	Burger, Louis.	Burger Brothers.	Insurance.	69 W. Third st.
723	Burgoyne, W. M., <i>Surgeon.</i>	National Insurance Co.	Salesman.	11 Chamber of Commerce Bldg.
3161	Burkani, C. B.	with The G. Y. Roots Co.	Manager for Ohio.	15 Wiggins Block.
3941	Burkani, W. Theodore.	United States Life Insurance Co.	Furriers & Hatters.	260 Race st.
1512	Burkhardt, A. E.	A. E. Burkhardt & Co.	Book-keeper.	14 W. Third st.
2427	Burkhold, Henry.	with Franklin Bank.	Superintendent.	4 Sinton Building.
2196	Burnet, Edward W.	California Insurance Co.	Lumber and Steamboating.	Foot of Wood st.
3264	Burnside, E. A.	Morris Mill and Lumber Co.	President.	Eighth & C. H. & D. R. R.
1598	Burrows, G. H.	Standard Wagon Co.	Supt. Railway Mail Service.	Government Building.
3431	Burt, Alonzo.	.....	Stock Broker.	150 Walnut st.
475	Burt, Pitts H.	.....	Veneers and Lumber.	S. E. cor. John and Augusta.
189	Burton, C. H.	C. H. Burton & Co.	Fire Insurance.	34 W. Third st.
921	Burton, Gideon.	.....	Provisions.	Fairmount, City.
2774	Burton, K. M.	Cincinnati Barbed-Wire Fence Co.	Confectioners.	National Lafayette Bank.
2631	Burton, Stephen R.	.....	Feed, Hay, etc.	490 & 492 Vine st.
2600	Buss, H. F., Jr.	The H. F. Busch Co.	Feed, Hay, etc.	121-127 West Court st.
2525	Buss, Jacob.	The P. Eichert Co.	Sec'y. World's Columbian Exp.	503 W. Eighth st.
1462	Buten, Anton.	.....	Railroad Contractor.	Chicago, Ill.
2344	Butterworth, Benjamin.	.....	.....	54 Wall st., New York.
1428	Byrne, John.	I. B. Newcombe & Co.	.....	.....
1437	Byrne, Michael.	.....	.....	.....

2994	Cain, C. W.	C. W. Cain & Co.	Commission	34 Walnut st.
509	Caldwell, R. W.	.....	Commission, Whisky	113 Sycamore st.
3474	Callaghan, Frank	.....	President	15 W. Third st.
569	Calvert, William H.	Merchants & Manufacturers Ins. Co.	.....	212 Spring Grove ave.
2890	Caner, William	.....	.....	214-218 Broadway.
3479	Campbell, B. W.	Perkins, Campbell & Co.	Harness and Saddlery	109-115 E. Front st.
3518	Campbell, Charles C.	Campbell Cotton Compress Co.	Manufacturers of Machinery	Central ave. and Pearl st.
3293	Campbell, George H., Agent	C. I. St. L. & C. Ry. Co.	Local Freight Agent	Harrison, O.
717	Campbell, Hugh	.....	Contractor	Hammond Building.
1341	Campbell, Thomas C.	Campbell & Bettman	Attorneys	132 Main st.
2748	Campbell, Wm. H., Cashier	Commercial Bank	Produce Commission	26 W. Front st.
2373	Cannon, I. James	Well, Cannon & Co.	Manager	70 W. Fourth st.
2978	Capen, W. I.	Postal Telegraph Cable Co.	Clothing, Gents Furnishing, etc.	N. E. cor. Fifth and Vine sts.
3163	Carew, J. T.	Mabley & Carew	.....	Mound st. Avondale, City.
1397	Carey, Samuel D.	The Crescent Brewing Co.	Manager	Aurora, Indiana.
3470	Carl, Alvin	.....	Trustee Cincinnati Southern Ry	37 Castile Building.
643	Carlisle, John	.....	Assistant Engineer	U. S. Engineer's office.
1382	Carpenter, Edwin J.	W. B. Carpenter & Co.	Blank Books and Stationery	128 & 130 Walnut st.
1810	Carpenter, Wm. B.	J. W. Carr & Son	Commission	576 W. Sixth st.
707	Carr, J. W.	.....	Coal Transportation	Charleston, W. Va.
2400	Carr, R. S.	The Carr & Brown Co.	Millers	Hamilton, O.
781	Carr, W. B.	George Kinsey & Co.	Iron Commission	249 W. Fourth st.
2962	Carruthers, Thomas H.	American Toilet Supply Co.	Manager	62 & 64 Longworth st.
2820	Carter, Walter T.	Louisville Southern R. R.	Grain	40 W. Fourth st.
3000	Case, Reed	with Minor & Dixon	Physician	Louisville, Ky.
3048	Casey, Edward D.	.....	Attorney at Law	313 Elm st.
1948	Cassat, Massillon	Thomas French's Sons	Book-keeper	77 W. Third st.
2822	Champion, Aaron B.	.....	Dairy	214 & 216 W. Seventh st.
1694	Champlin, John M.	Clatfield & Woods Co.	Coal and Sewer Pipe	Harrison ave. & B. & O. S. W. R. R.
1891	*Chapin, A. B.	Standard Electrical Works	Paper Dealers	25 W. Fourth st.
3078	Chapman, Thomas J.	The Christy Co.	President	S. W. cor. Elm and Pearl sts.
3617	Charles, John W.	The Christy Co.	Grain Inspector	Chamber of Commerce.
3341	Chatfield, A. H.	The Christy Co.	Grain Commission	32 Chamber of Commerce Bldg.
3394	Chatfield, William H., Jr.	C. N. O. & T. P. Ry. Co.	Contracting Agent	32 Chamber of Commerce Bldg.
3148	Cherry, E. V.	.....	Attorney at Law	94 W. Fourth st.
1683	Chisman, Homer	.....	Men's Furnishing Goods	S. E. cor. Fourth and Main sts.
427	Christy, H. N.	A. R. Clark & Co.	Wholesale Grocers	S. E. cor. Fourth and Walnut.
426	Christy, John W.	Union Central Life Insurance Co	Treasurer	8 Wiggins Block.
3153	Clancey, J. B.	The Clark Carriage Co.	Whisky	39 Walnut st.
1840	Clark, Albert G.	.....	.....	S. E. cor. Fourth & Central ave.
2855	Clark, A. J.	.....	Carriage Manufacturers	S. W. cor. Sixth & Sycamore sts.
1531	Clark, Alexander	.....	.....	20 E. Second st.
1240	Clark, A. R.	.....	.....	.....
3477	Clark, Jesse R.	.....	.....	.....
3140	Clark, S. H.	.....	.....	.....
.....	Clarkson, Austin E.	.....	.....	.....

* Deceased.

MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
1007	Clement, T. B., <i>Surveyor</i>	Cincinnati Insurance Co.....	Fire and Marine Insurance.....	81 W. Third st.
2940	Clements, Michael.....	Globe Insurance Co.....	Iron Works.....	Baymiller and Hathaway sts.
1142	Clemmons, R. T., <i>Secretary</i>		Fire and Marine Insurance.....	68 W. Third st.
3321	Cleary, Francis G.....		Real Estate.....	Avondale, O.
3099	Cleary, Harry Q.....		Real Estate.....	13 W. Fourth st.
1359	Cochran, John.....	with J. F. Sadler & Co.....	Real Estate.....	21 W. Third st.
304	Coffin, Chas. W.....	Big Four Storage Warehouse.....	Salesman.....	Cincinnati Union Stock Yards.
42	Coffin, Samuel W.....		Superintendent.....	Pearl and Plum sts.
1090	Cohn, Abe.....		Proprietor, Covington Dry Dock.....	Covington, Ky.
730	Colburn, Chas. L., <i>Gen'l Agent</i>		Live Stock Dealer.....	25 Laurel st.
1315	Cole, J. N., <i>Adjuster</i>	Norton Iron Works, Ashland, Ky.....	Iron and Nails.....	3 Johnston Building.
1378	Collier, Thomas B.....	Amazon Insurance Co.....	Fire Insurance.....	62 & 64 W. Third st.
978	Collins, F. F.....	Collier, Budd & Co.....	Coal Dealers.....	230 W. Fourth st.
1757	Collins, James A.....	Collins & Co.....	Hay and Grain.....	Hammond Building.
3410	Collins, John E.....	The Cincinnati Street Railway Co.....	Secretary.....	N. W. cor. Fifth & Walnut sts.
3351	Collins, Val. P.....	Collins & Collins Towboat Co.....	Hay and Grain.....	Hammond Building.
59	Colford, Newton B.....	Colford, Myers & Sherritt.....	Secretary and Treasurer.....	Foot of Vine st.
854	Colston, Edward.....	{ Haumon, Colston, Goldsmith & } Hoadly.....	Commission and Produce.....	50 Walnut st.
2952	Conclin, William.....		Attorneys at Law.....	St. Paul Building.
2199	Coney, M. R.....		Commission.....	24 Water st.
120	Conklin, A. C.....	A. C. Conklin & Co.....	Groceries, Feed, and Lime.....	628-630 Main st.
1432	Conner, James M.....	Conner, Hughes & Crichton.....	Note, Stock, and Bond Brokers.....	75 W. Third st.
3511	Conner, John S.....		Live Stock Commission.....	Cincinnati Union Stock Yards.
2959	Constans, Louis.....		Attorney at Law.....	63 Johnston Building.
2105	Cook, A. J.....		Coal Gauger.....	Newport, Ky.
2101	Cook, John W.....	Ewald Iron Works.....	Superintendent.....	N. W. cor. Front and Broadway.
1145	Cook, Theodore, <i>President</i>	C. N. O. & T. P. Ry. Co.....		Louisville, Ky.
1053	Cooke, H. P., <i>Cashier</i>	Fourth National Bank.....		66 W. Third st.
148	Cooke, W. R.....			Third and Walnut sts.
2198	Coombe, Elijah.....	Daniels, Coombe & Co.....	Merchant Tailors.....	Fifth and Race sts.
2197	Coombe, H. H.....	Daniels, Coombe & Co.....	Merchant Tailors.....	Fifth and Race sts.
610	Cooper, H., <i>Agent</i>	C. I. St. L. & C. Ry. Co.....		159 Walnut st.
1820	Coppock, Frank M.....		Attorney at Law.....	180 Walnut st.
3107	Corbin, H. F.....	Corbin, Mendel & Co.....	Whiskies.....	118 W. Second st.
261	Corre, A. G.....	Corre & Shears.....	Proprietors Grand Hotel.....	S. W. cor. Fourth & Central ave.
1653	Cost, Joseph F.....		Life Insurance.....	Chamber of Commerce.
2956	Cost, Richard H.....	J. W. Cottrell & Co.....	General Contractors and Builders.....	227 Main st.
1102	Cottrell, J. W.....	J. W. Cottrell & Co.....	General Contractors and Builders.....	227 Main st.
1103	Cottrell, J. W., Jr.....		Gas Engineer.....	15 E. Third st.
1819	Coverdale, R. T.....		Boot and Shoe Maker.....	184 Vine st.
809	Cowie, Chas. S.....			

3127	Cowling, Rufus A.	Harkness, Cowing & Co.	Manufacturers of Candles	Eggleston ave.
2612	Cox, Benjamin H.	Cox & Cox	Attorneys at Law	21 Chamber of Commerce Bldg.
3280	Cox, Joseph, Jr.	Cox & Cox	Attorneys at Law	21 Chamber of Commerce Bldg.
210	Crail, Ervin			Front and Broadway.
212	Crail, Walter B.			Front and Broadway.
3290	Cramer, W. T. V.			Second and Sycamore sts.
3675	Crane, Clinton	C. Crane & Co.	Coal and Coke	257 Eastern ave.
2900	Crane, William E.	Rankin Grate and Mantel Co.	Wholesale Lumber	165 Elm st.
2986	Crary, George W.		United States Gauger	1026 McMillan st., Mt. Auburn.
3702	Crawford, Henry W.	Smith & Nixon	Pianos	24 and 26 W. Fourth st.
1563	Crawford, Wm. R.	W. R. Crawford & Co.	Live Stock Commission	Cincinnati Union Stock Yards.
158	Cresap, R. J.		Real Estate Broker	7 W. Fourth st.
3419	Crichton, J. M.	Conner, Hughes & Crichton	Live Stock Commission	Cincinnati Union Stock Yards.
1196	Crigler, L. N.	Crigler & Crigler	Distillers and Liquor Dealers	7 Pike st., Covington, Ky.
3097	Critchell, B. P.	B. P. Critchell & Co.	Florist	197 W. Fourth st.
3130	Cross, F. G.		Life Insurance	Commercial-Gazette Building.
2450	Crow, Edward B.		Coal	Front and Broadway.
3703	Crowthers, R. C.	with J. N. Wooliscroft & Co.	Book-keeper	N. E. cor. Fourth and Race sts.
3359	Crugar, Charles B.	Cincinnati Ice Co.	President	Twelfth and Plum sts.
568	Cullen, James			Twelfth and Plum sts.
2544	Cullen, James, President			
147	Cunningham, Briggs S.	Cincinnati National Bank	President	United Bank Building.
143	Cunningham, E. W.			N. E. cor. Ninth and Sycamore.
3169	Cunningham, J.			
1556	Curl, Edgar		Merchandise Broker	13 W. Second st.
1717	Curley, E. J.	E. J. Curley & Co.	Distillers	Lexington, Ky.
2730	Curran, John	John Curran & Co.	Commission	23 Walnut st.
1890	Currie, George E.	George E. Currie & Co.	Fertilizer	59 E. Front st.
991	Curtis, Nicholas	Anderson-Harris Carriage Co.		Elmwood Place, Ohio.
3636	Curtis, William E.	The Horton Co.	Carriages	53-59 E. Fifth st.
930	Curtner, Henry			11 W. Second st.
131	Dair, Chas. E.	Dair Bros.	Millers	Harrison, O.
130	Dair, William	Dair Bros.	Millers	Harrison, O.
2826	Dalton, James		Note and Money Broker	13 W. Third st.
1490	Dalton, Milton A., Gen'l Manager	Consolidated Time Lock Co.		161 W. Third st.
52	Dana, S. F.	Campbell's Creek Coal Co.	Miners and Shippers of Coal	Foot of Wood st.
3381	Daniel, L. B.	Early & Daniel	Hay and Grain	824-830 W. Sixth st.
2201	Daniels, James B.	Daniels, Coombe & Co.	Merchant Tailors	Fifth and Race sts.
433	Darr, Augustus		Capitalist	P. O. Box 619, City.
2917	Darusmont, Alexis	Banner Brewing Co.		Canal and Walnut sts.
1706	Darst, Chas. H.	Loper, Dater & Co.	Live Stock Commission	Cincinnati Union Stock Yards.
752	Dater, Gilbert	Slimer & Dater	Pork Packers	Clifton ave and Vine st.
1880	Davidson, C. M.	Davidson & Co.	Commission	20 W. Front st.
19	Davies, J. P.		Lard Oil Manufacturer	Dayton, O.

* Deceased.

MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
1650	Davis, A. Judson.	.....	Book-keeper.....	N. W. cor. Eighth and Sycamore.
383	Davis, Arthur W.	.....	Real Estate.....	52 Johnston Building.
184	Davis, B. F.	Charles Davis & Co.	Pork Packers.....	N. W. cor. Eighth and Sycamore.
183	Davis, Charles.	Charles Davis & Co.	Pork Packers.....	N. W. cor. Eighth and Sycamore.
3621	Davis, Charles H.	The Lodge & Davis Machine Tool Co.	.....	Sixth and Eggleston ave.
510	Davis, Charles.	Second National Bank.	.....	Ninth and Main sts.
185	Davis, Charles P.	.....	.....	N. W. cor. Eighth and Sycamore.
103	Davis, Darwin F.	The Turner-Looker Co.	Wholesale Groceries, Cigars, etc.	N. W. cor. Second and Race sts.
1968	Davis, George.	George Davis & Co.	Distillers.....	Portsmouth, O.
382	Davis, George F., Jr.	.....	Real Estate and Insurance.	52 Johnston Building.
117	Davis, Holden.	.....	Pork Packers.....	303-313 Broadway.
2595	Davis, John C.	S. Davis, Jr., & Co.	Tobacco and Cigars.	166 Vine st.
3352	Davis, John H.	Etna Live Stock Insurance Co.	Secretary and Treasurer.	Carlisle Building.
2521	Davis, Lewis.	Davis, Lewis.	.....	P. O. Box 248, City.
505	Davis, S. S.	.....	Real Estate.....	9 W. Third st.
3449	Davis, Wallace M.	Cincinnati Railroad Omnibus Co.	Superintendent.....	159 Race st.
76	Davis, William H.	William H. Davis & Co.	Provision Commission.	757-763 Plum st.
116	Davis, William Henry.	S. Davis, Jr., & Co.	Pork Packers.....	303-313 Broadway.
3466	Davis, William Luther.	Union Central Life Insurance Co.	Cashier.....	S. E. cor. Fourth & Central ave.
1362	Davis, W. L., Agent.	Cin'ti & Newport Iron and Pipe Co.	.....	First National Bank Building.
3111	Dawes, S. C.	The Hazen Co.	Secretary.....	59 W. Fourth st.
3073	Day, George E.	.....	Vice-President and Superintendent.	Front and Harriet sts.
2601	Day, James B.	Kanawha & Youghiogheny Coal Co.	.....	30 Vine st.
3326	Day, John D.	Debar & Hart.	Wholesale Liquors.	21 Walnut st.
871	*Dayton, L. M.	with Henry Wolter & Co.	Salesman.....	.....
434	Debar, Joseph.	.....	.....	91 Main st.
2644	DeBoor, A. J.	Taylor & Faulkner Mfg. Co.	.....	S. W. cor. Third and Main sts.
1239	*DeBoor, Jacob.	Liverpool & London & Globe Ins. Co.	Copper and Brass Works.	165-171 W. Court st.
740	*DeCamp, Daniel, President.	The F. C. Deckerbach Sons' Co.	Steamboat Captain.	11 & 12 Public Landing.
1669	DeCamp, J. M., General Agent.	Memphis & Cincinnati Packet Co.	Tanner.....	Covington, Ky.
2202	Deckerbach, George E.	.....	Solicitor.....	269 Vine st.
1523	Deglow, H. R.	Cincinnati Volksblatt.	Foreign Fruits.....	16 & 18 W. Front st.
3697	DeLaCourt, L. B.	F. Designore & Co.	Superintendent.....	Carr, near Sixth st.
2867	Designore, Fedele.	with Droste Milling Co.	Clerk.....	65 W. Third st.
2441	Denghausen, Henry.	with Third National Bank.	Whisky Commission.	5 W. Third st.
576	Denton, H. N.	.....	Architect's.....	62 Pike's Building.
2386	Dernham, Max.	Des Jardins & Hayward.	Importers and Jobbers of Cloths.	97 W. Third st.
1914	Des Jardins, S. E.	Kleine, Detmer & Co.	Salesman.....	97 W. Third st.
1777	Detmer, Henry.	with Kleine, Detmer & Co.	Book-keeper.....	Court and Broadway.
2109	Detmer, J. H.	Canal Elevator and Warehouse Co.	Malsters.....	Hamilton, O.
3701	Deuel, Wilbur S.	H. P. Deucher & Co.	.....	.....
1580	Deucher, H. P.	.....	.....	.....

580	Dewey, George B.	.....	Insurance	.....	Neave Building.
98	Dexter, Julius	.....	Wholesale Hats and Caps	.....	56 W. Third st.
1430	Dickerson, Walter P.	.....	Wholesale Hats and Caps	.....	S. W. cor. Vine and Pearl sts.
2110	Dickinson, W. C.	.....	Feed and Commission	.....	S. W. cor. Vine and Pearl sts.
3012	Dickinson, Wm. S.	.....	Real Estate	.....	1912 Spring Grove ave.
3678	Dickmeier, Henry, Sr.	.....	Attorney at Law	.....	56 and 57 Pike's Building.
1502	Dicks, William H.	.....	Paper Dealers	.....	227 Main st.
1032	Dickson, Charles T.	.....	Secretary	.....	466-470 Washington st., N. Y.
1932	Diem, Frederick J.	.....	Grain Dealers	.....	72-76 Walnut st.
1931	Dieterle, Geo. F.	.....	Pork Packers	.....	392 & 394 Richmond st.
1411	Dietz, Augustus	.....	Wholesale Grocers	.....	Trenton, Butler Co. O.
1008	Dietz, Henry	.....	Patent Wood-working Machinery	.....	271 & 273 Sycamore st.
1589	Dillaby, James, <i>Surveyor</i>	.....	Life Insurance	.....	79 W. Third st.
780	Dixon, Henry	.....	Vice-President and Treasurer	.....	70 and 72 Vine st.
2619	Doane, W. H.	.....	Dry Goods	.....	Front & John sts.
137	Dodds, Milo G.	.....	Coal and Coke	.....	S. E. cor. Fourth and Vine sts.
581	Dodsworth, Caleb	.....	Secretary	.....	Cincinnati, City.
3269	Dodsworth, Marnaduke	.....	Laundry Machinery	.....	Home City, O.
3270	Dodsworth, Thomas	.....	Pig Iron and Iron Ores	.....	Main and Canal sts.
3295	Doepke, William F.	.....	Salesman	.....	Mitchell Building.
865	Doggett, M. W., <i>Agent</i>	.....	Transportation	.....	Head of Main st.
2384	Doherty, James M.	.....	Distillers	.....	162 W. Pearl st.
1118	Doll, Charles	.....	City Salesman	.....	Carlisle Building.
2541	Dolph, A. M.	.....	Attorney at Law	.....	101 W. Fourth st.
2006	Domhoff, Chas. H.	.....	Grain, etc.	.....	11 Public Landing.
1039	Donaldson, J. P.	.....	General Manager	.....	Covington, Ky.
1747	Dorman, John C.	.....	Grain Commission	.....	3 Pike's Build. nr.
894	Dorsel, John	.....	Book-keeper	.....	S. W. cor. Fourth and Main sts.
3648	Doty, John J.	.....	Solicitor	.....	Produce Exchange, New York.
2592	Douglas, Howard	.....	President	.....	9 Hammond Building.
1803	Dows, David, Jr.	.....	Trunks and Bags	.....	13 Chamber of Commerce Bldg.
3421	Drake, D. G.	.....	Jewelers and Silversmiths	.....	136 Walnut st.
2583	Drake, J. L.	.....	Wholesale Grocers	.....	82 W. Third st.
1872	Drake, Marshall T.	.....	Provisions, Flour and Grain	.....	Carr. near Sixth st.
3236	Draper, F. A.	.....	Commission	.....	Ninth and Broadway.
67	Drost, Charles F.	.....		.....	311 Western ave.
2205	Drucker, Nathan	.....		.....	Covington, Ky.
135	Duckworth, G. K.	.....		.....	Fourth and Walnut sts.
3399	Dugan, R. W.	.....		.....	Gibson House.
3200	Dulme, Charles H.	.....		.....	61 & 63 Vine st.
3237	Dunbar, Horace B.	.....		.....	45 Walnut st.
2206	Duncan, Thomas J.	.....		.....	42 W. Court st.
1293	Dunholter, John	.....		.....	Covington, Ky.
2770	Dunker, Frederick	.....		.....
688	Dunlap, Edward	.....		.....

* Deceased.

MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
329	Dunlap, R. E.	William J. Dunlap & Co.	Stock, Bond and Note Broker.	25 W. Third st.
1552	Dunlap, William J.		Stock, Bond and Note Brokers.	38 W. Third st.
3307	Dunn, J. W.	The Laidlaw & Dunn Co.	Secretary and Treasurer.	Pearl and Plum s's.
380	Durner, M.		Commission, Whisky.	91 Main st.
2434	*Durrell, Joseph.	Cincinnati Coal and Coke Co.	Secretary.	Foot of Freeman ave.
2850	Durrott, M. M.		Life Insurance.	57 W. Third st.
1501	D'Utassy, George F.	The Morgan & Dye Co.	Hay and Grain.	Race and Water s's.
3546	Dye, James W.	Robert A. Dykins & Co.	Barley, Malt and Oats.	581 W. Fifth st.
41	Dykins, Robert A.	Wm. Glenn & Sons.		N. W. cor. Fourth & Sycamore.
18	Dymond, Richard.			
1867	Earl, Frank E.	Earl & Co.	Commission.	58 W. Second st.
3601	Earley, Samuel P.	Thomas Earley.	Tens and Coffees.	53 Walnut st.
2527	Early, H. Lee.	Early & Daniel.	Hay and Grain.	826-830 W. Sixth st.
2879	Eaton, Charles S.	with Thomas A. Mack.	Salesman.	Mitchell Building.
3637	Eaton, George F.	Ford, Eaton & Co.	Wholesale Grocers.	86 and 88 W. Second st.
3242	Eberhardt, John A.	Southern Granite Co.	Secretary, Treasurer & Gen'l Mgr.	19 Wiggins Block.
3337	Ebersole, George R.	Consolidated Tank Line Co.	Manager.	31 & 33 W. Pearl st.
77	Ebersole, Wm. V.	W. V. Ebersole & Co.	Real Estate.	N. W. cor. Fourth & Sycamore.
2038	Echert, Peter.	The P. Echert Co.	Confectioners.	121-127 W. Court st.
85	Eckert, Howard.		Grain and Provisions.	31 Chamber of Commerce Bldg.
2815	Eckstein, Fred, Jr.	Eckstein White Lead Co.	Superintendent.	S. W. cor. Seventh and Freeman.
2504	Edwards, Charles W.			241 Laurel st.
3412	Eggers, John.		Street-sprinkling and Hauling.	117 Twelfth st.
2686	Eichert, George.	Hoffman Bros.	Plumbing and Gas Fitting.	665 Vine st.
3011	Einhaus, John H.		Millers.	Newport, Ky.
2422	Eisenschmidt, Louis C.		Jeweler.	13 & 15 E. Canal st.
1902	Elfelder, H. A.	Elsas & Pritz.	Hops, Malt and Brewers' Supplies.	Madison Road, E. Walnut Hills.
3027	Elberg, F. W.		Fed Store.	Commercial-Gazette Building.
2625	Ellis, Frank.	Irwin, Ellis & Balman.	Note, Stock and Bond Brokers.	Madison Road, E. Walnut Hills.
879	Ellis, George.		Wines, Liquors and Cigars.	Grand Hotel.
109	Ellis, Henry.		Grain.	13 & 15 E. Canal st.
2025	Ellis, James W.	with J. N. Wooliscroft & Co.	Grain.	13 & 15 E. Canal st.
2992	Ellis, Thomas.		Hops, Malt and Brewers' Supplies.	
249	Elison, J. D.			
893	Elsas, Lewis.	Elsas & Pritz.		
3310	Elsas, Samuel.			
3117	*Elatner, John M.			
3283	Embray, Taiton.	Greene & Embray.	Live Stock Commission.	Cincinnati Union Stock Yards.
3324	Emerson, H. D.	The Emerson & Fisher Co.	Secretary.	39 Mitchell Building.
2379	Emerson, Henry.	Washington Insurance Co.		76 W. Third st.
1178	Emerson, Lowe, President.	The Emerson & Fisher Co.	Carriage Builders.	John and Findlay sts.

.....	Emery, Joseph J.....	Thomas Emery's Sons	Real Estate & Investment Securities.	St. Paul Building.
2869	Emery, Thomas J.....	Thomas Emery's Sons	Real Estate & Investment Securities.	St. Paul Building.
693	Engel, George J.....	with Slimer & Daer.	Book-keeper.....	300 Vine st.
3015	Enyart, R. F.....	The National Starch Mfg. Co.....	Undertaker.....	188 W. Vine and Clifton ave.
1977	*Erkenbrecher, A. G.....	Northern Bank of Kentucky	.....	12 & 14 W. Second st.
3435	Ernst, John P.....	Bloch Brothers Tobacco Co.....	President.....	Covington, Ky.
2918	Eschmeyer, Henry.....	Ohio Valley National Bank.....	Commission.....	212 W. Sixth st.
363	Esheby, Edwin O.....	Patterson & Evans.....	President.....	174 & 176 Race st.
645	Espy, James.....	Banner Packing and Provision Co.....	.....	73 W. Third st.
596	*Eustis, George.....	The Lytle Safe and Lock Co.....	General Commission.....	44 Vine st.
1857	Evans, Arthur O.....	.....	Secretary.....	Bank and Patterson sts.
146	Evans, Benjamin.....	Ezekiel & Bernheim.....	President.....	Bank and Patterson sts.
3657	Evans, Benjamin F.....	Faber & Duncan.....	Treasurer and Secretary.....	146, 150 & 151 Water st.
3089	Evans, George W.....	M. H. Fagin & Co.....	Stock Reporter.....	Cincinnati Union Stock Yards.
2863	Eversman, J. F.....	Merchants National Bank.....	Insurance Agent.....	7 W. Third st.
2652	Ewing, J. F.....	C. A. Farnham & Co.....	Auctioneers and Commission.....	134 Main st.
1658	Ewing, Martin B.....	with The Roth-Meyer Packing Co.....	Manufacturers of paper boxes.....	S. E. cor. Canal & Sycamore sts.
	Ezekiel, Henry C.....	Marcus & L. S. Fechlheimer.....	Flour and Grain, Commission.....	78 & 80 W. Front st.
		Fechlheimer Bros. & Co.....	Flour.....	86 E. Second st.
		H. & G. Feder.....	.....	2 Oak st., Walnut Hills, City.
		Cincinnati Gas Light & Coke Co.....	Fire and Marine Insurance.....	S. E. cor. Third & Vine sts.
		Francis & F. S. Ferry.....	Pork and Provisions.....	N. W. cor. Fourth & Vine sts.
		C. C. & St. L. Ry.....	Newspaper Advertising.....	74 Gest st.
		.....	Wholesale Clothing.....	66 & 68 W. Third st.
		The American Cotton Oil Co.....	Wholesale Clothing.....	141 & 143 Race st.
		The Hazen Co.....	Manufacturers of Clothing.....	141 & 143 Race st.
			Flour, Feed and Grain.....	102-108 W. Fifth st.
			Dry Goods and Notions.....	Covington, Ky.
			Flour and Commission.....	165 & 167 Race st.
			House and Sign Painter.....	584 W. Sixth st.
			Insurance Agents.....	S. W. cor. Fourth and Plum sts.
			General Agent.....	Masonic Temple.
			Flour.....	92 W. Fourth st.
			New England Bakery.....	Gest and Baymiller sts.
			Treasurer.....	118 W. Fifth st.
			Iron and Steel.....	113 E. Sixth st.
				318 Wade st.
				59 W. Fourth st.
1915	Faber, John.....	Fager, Morgan H.....		
90	Fagin, Theodore.....	Fairley, William.....		
838	Fagin, Theodore.....	Fallis, D. J., President.....		
1538	Fairley, William.....	Fallis, Elihu.....		
1231	Fallis, D. J., President.....	Farnham, Charles A.....		
3438	Fallis, Elihu.....	Farnham, Charles A.....		
31	Fallis, Elihu.....	Farrally, O. B.....		
125	Farnham, Charles A.....	Faxon, William R.....		
3332	Farrally, O. B.....	Fechheimer, H. S.....		
635	Faxon, William R.....	Fechheimer, Leopold S.....		
634	Fechheimer, H. S.....	Fechheimer, May.....		
1909	Fechheimer, Leopold S.....	Feder, Gustave.....		
2558	Fechheimer, May.....	Fells, Theobald.....		
3537	Fechheimer, May.....	Felt, Henry, Inspector.....		
3537	Feder, Gustave.....	Fenner, Calvin M.....		
2483	Fells, Theobald.....	Ferry, Francis.....		
832	Felt, Henry, Inspector.....	Ferris, Frank.....		
1934	Fenner, Calvin M.....	Ficker, Ben.....		
3696	Ferry, Francis.....	Fieck, R. B.....		
3645	Ferris, Frank.....	Field, Walter H.....		
71	Ficker, Ben.....	Fierlein, E. J.....		
83	Fieck, R. B.....	Finch, William L.....		
985	Field, Walter H.....			
3187	Fierlein, E. J.....			

* Deceased.

MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
341	Finke, H. F., <i>Secretary.</i>	Farmers' Insurance Co.	Car Wheels and Castings	19 W. Third st.
554	First, Samuel, <i>Sec'y and Treas.</i>	Mowry Car Wheel Works	Superintendent of Agencies	682 & 684 Eastern ave.
3483	Fischer, John	Crescent Brewing Co.	Coal	Sixth and Evans sts.
3274	Fischer, Rudolph	The Marinet Co.	Grain and Hay, Commission	Central ave. and Water st.
568	Fisher, Albert D.	J. W. Fisher & Co.	Grain and Hay, Commission	22 Water st.
1310	Fisher, Chas. S.	J. W. Fisher & Co.	Merchant Tailor	22 Water st.
2902	Fisher, George	J. W. Fisher & Co.	Grain and Hay, Commission	261 Walnut st.
592	Fisher, John W.	The Emerson & Fisher Co.	Carriage Builders	22 Water st.
1179	Fisher, J. W. S., <i>Vice-President.</i>	Hopple, Flach & Co.	Wholesale Grocers	John and Findlay sts.
3385	Fithian, H., <i>Clifford.</i>	Flach Brothers Grocery Co.	Wholesale Grocers	42 & 44 W. Second st.
784	Flach, Chas. H.	Flach Brothers Grocery Co.	Wholesale Grocers	N. E. cor. Second and Vine sts.
787	Flach, Edward P.	Flach Brothers Grocery Co.	Wholesale Grocers	N. E. cor. Second and Vine sts.
785	Flach, Jacob C.	Flach Brothers Grocery Co.	Wholesale Grocers	N. E. cor. Second and Vine sts.
786	Flach, John W.	Fleischmann & Co.	Distillers	N. W. cor. Plum and Perry sts.
91	Fleischmann, Chas.	with Early & Daniel	Book-keeper	830 W. Sixth st.
92	Fleischmann, Max.	Mihalovitch, Fletcher & Co.	Wholesale Coal Dealer	Ludlow, Ky.
1190	Fleming, F. E.	Adams Express Co.	Wines and Liquors	168-172 E. Pearl st.
315	Flemming, R. H.	Hemingray Glass Co.	Inspector and Gauger of Liquors	67 W. Fourth st.
3118	Fletcher, Victor	Follett & Kelley	Attorneys at Law	Covington, Ky.
3081	Foerster, Robert	Consolidated Coal & Mining Co.	Vice-President	64 W. Third st.
976	Fogg, Arthur L., <i>Agent.</i>	Commercial Bank		Mitchell Building.
1206	Foley, James L., <i>Agent.</i>	Jackson & Forbes	Real Estate Agents	132 Main st.
2117	Follett, John F.	M. S. Forbes & Co.	Grain and Provision Brokers	22 E. Fourth st.
666	Folsom, Richard	Ford, Eaton & Co.	Life Insurance	3 College Building.
969	Foote, Charles B., <i>President.</i>	with Patterson & Evans	Wholesale Grocers	171 Vine st.
3486	Forbes, J. A.	Alter, Forwood & Co.	Coal	86 W. Second st.
142	Forbus, M. S.	The Foss-Schneider Brewing Co.	Salesman	Pittsburgh, Pa.
1989	Ford, Collin	The Stearns & Foster Co.	Boots and Shoes	44 Vine st.
2764	Ford, Frank	Foulds Milling Co.	Treasurer	91 W. Pearl st.
2897	Forythe, P. J.	Foulds Milling Co.	Mfrs. of Wadding and Batting	289-297 Freeman ave.
2857	Fortney, P. R.	Foulds Milling Co.	Groceries and Produce	14 & 16 W. Canal st.
3170	Forwood, W. H.	Foulds Milling Co.		78 Broadway.
1789	Foss, John H.	Foulds Milling Co.		Race and Canal.
348	Foster, Seth C.	The George Fox Starch Co.		Race and Canal.
668	Foster, Thomas	Friend & Fox Paper Co.		
2517	Foulds, Frank W.	Francis & Laws		
3623	Foulds, Harry G.			
1774	*Fox, Bernard			
3300	Fox, Frank			
1075	Fox, George, <i>President.</i>			
1651	Fox, George H., <i>Secretary.</i>			
1067	Fox, Thomas, <i>President.</i>			
1221	Francis, F. D.			

2788	Frank, Sumson.....	Menderson, Weil & Co.....	Provision Brokers.....	South Omaha, Neb.
457	Fraser, Henry M.....	B. & O. Southwestern R. R.....	General Freight Agent.....	Central Union Station.
1217	Fraser, R. M.....	with Cin'tl Chamber of Commerce.	River Reporter.....	Chamber of Commerce.
3624	Frazer, Elisia S.....	Joseph Frederick & Bro.....	Distillers (Harrison, O.).....	1012 W. Eighth st.
2360	Friedrich, Joseph.....	J. & A. Freiberg.....	Wholesale Liquors.....	38 Main st.
2342	Freiberg, Abraham.....	with Freiberg & Workum.....	Cashier.....	28 & 30 Main st.
3513	Freiberg, Bernhard.....	Isaac Freiberg & Bro.....	Wholesale Liquors.....	24 E. Second st.
3604	Freiberg, Isaac.....	J. & A. Freiberg.....	Wholesale Liquors.....	38 Main st.
2393	Freiberg, Joseph.....	Freiberg & Workum.....	Distillers.....	28 & 30 Main st.
852	Freiberg, Julius.....	Freiberg Bros.....	Wholesale Liquors.....	14 E. Third st.
2407	Freiberg, Julius, Jr.....	Freiberg & Workum.....	Distillers.....	28 & 30 Main st.
2179	Freiberg, J. Walter.....	Freiberg & Workum.....	Distillers.....	28 & 30 Main st.
2466	Freiberg, Maurice J.....	The Thomas French's Sons Co.....	Dairy.....	214 & 216 W. Seventh st.
2810	French, Tilden R.....	The Frey Printing Co.....	Treasurer.....	Fifth and Eggleston ave.
3054	Frey, John H.....	M. Friedberger Co.....	Manufacturer of Iron Show Cards.....	184 Elm st.
304	Friedberger, M.....	with J. Wilder & Co.....	Book-keeper.....	159 & 161 W. Sixth st.
2116	Friedeborn, J.....	Heidelbach, Friedlander & Co.....	Wholesale Clothing.....	129 W. Third st.
2211	Friedlander, A. J.....	Heidelbach, Friedlander & Co.....	Wholesale Clothing.....	129 W. Third st.
2213	Friedlander, I. J.....	Alex. Fries & Bros.....	Chemical Works.....	46-50 E. Second st.
3158	Fries, Gustave R.....	with Sigmund Frietsch.....	Book-keeper.....	108-122 Cleman st.
2387	Frietsch, Frank.....	Estate of F. Fritsch.....	Pork and Beef Packer.....	108-122 Cleman st.
957	Frietsch, Sigmund.....	Moessinger, Fritsch & Hugle.....	(Trustee) Founder and Machinist.....	McMicken ave. and Dunlap st.
3024	Fritsch, John G.....	Kleine, Detmer & Co.....	Real Estate.....	S. W. cor. Fourth and Main sts.
3024	Fritsch, Joseph W.....	P. C. & St. L. Ry. Co.....	Importers and Jobbers of Cloth.....	97 W. Third st.
1776	Frommeyer, Wm. Henry.....	.....	Live Stock Dealer.....	Cheviot, O.
2022	Frondorf, George.....	.....	Lumber.....	Mitchell Building.
3573	Fuhrmann, A. V.....	.....	Live Stock Dealer.....	82 W. Fourth st.
1308	Fuller, E. F., <i>Dir. Freight Agent</i>.....	.....	Live Stock Dealer.....	50 W. Eighth st.
729	Furst, Abe.....	.....	.....	50 W. Eighth st.
2415	Furst, Joseph C.....	.....	.....	.....
2478	*Gaddis, J. C.....	Mill Creek Distilling Co.....	Distillers.....	Evans st. and C. H. & D. R. R.
34	Gaff, Thomas T., <i>President</i>	J. W. Gaines & Sons.....	Contractor.....	Walnut Hills, City.
2772	Gaffney, J. W.....	Dahme & Co.....	Coal.....	Frankfort, Ky.
3632	Gaines, John W.....	with Gale Brothers.....	Jewelers and Silversmiths.....	S. W. cor. Fourth and Walnut.
1864	*Gainsford, Arthur.....	Gale Brothers.....	Salesman.....	86 W. Front st.
1649	Galbreath, R. H.....	Gale Brothers.....	Commission, Flour, etc.....	86 W. Front st.
3329	Gale, Albert C.....	Gale Brothers.....	Commission, Flour, etc.....	86 W. Front st.
557	Gale, B. W.....	Procter & Gamble.....	Attorney at Law.....	180 Walnut st.
558	Gale, John P.....	Procter & Gamble.....	Soap, Candles and Oils.....	United Bank Building.
2928	Gallagher, John D.....	Procter & Gamble.....	President.....	United Bank Building.
2924	Gamble, David B.....	Amazon Insurance Co.....	Hardware, Cutlery and Guns.....	62 & 64 W. Third st.
529	Gamble, James N.....	Howell Gano & Co.....	.....	138 Walnut st.
47	Gano, Gazzam.....	.....	.....	.....
1553	Gano, Howell.....	.....	.....	.....

* Deceased.

MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
1667	Gano, John A.	Economy Fuel and Steam Co.	President.	6 W. Third st.
1554	Gano, J. W.	Howell Gano & Co.	Hardware, Cutlery and Guns.	138 Walnut st.
1870	Gansel, Charles O.	Law & Gansel.	Fire Insurance.	25 W. Third st.
919	Garlick, Henry.	H. Garlick & Co.	Naval Stores and Commission.	Front, bet. Walnut and Vine.
3646	Garner, Charles L.	with The C. Y. Roots Co.	Book-keeper.	11 Chamber of Commerce Bldg.
3581	Garvey, Clayton H.	American Wire Nail Co.	Contracting Agent.	59 W. Fourth st.
3179	Gazlav, A.	C. H. & D. R. R. Co.	Contracting Agent.	S. W. cor. Fourth and Vine sts.
680	Gebhart, Simon.	The Simon Gebhart Sons' Flour Co.	Millers.	Dayton, O.
2837	Gent, Joseph F.	The Cereale Mfg. Co.	Attorneys at Law.	Columbus, Ind.
3241	Gerard, Clinton W.	Gerard, Lampe & Stallo.	Attorneys at Law.	5 W. Fourth st.
647	Gerke, George.	The Union Distilling Co.	Foreman.	392 & 394 Richmond st.
3150	Gerst, William.	Christian Moerlein Brewing Co.	Steamboat Agent.	711 Elm st.
1525	Getty, W. S.	Geo. W. Neure & Co.	Insurance.	5 Public Landing.
2574	Gibbs, Edwin C.	H. C. Gilbert & Co.	Commission.	4 Public Landing.
126	Gibson, David.	Gilliam & Dana.	Coal.	Clifton, City.
2554	*Gibson, William.	Eagle Bottling Works.	Mineral Water.	87 Water st.
2523	Gilbert, Harry C.	with James H. Laws & Co.	Salesman.	Foot of Wood st.
2607	Gilliam, Robt. P.			331 Broadway.
3578	Gilligan, Andrew C.			16 & 18 W. Second st.
2529	Gilliland, L. W.			San Francisco, Cal.
2904	Gilmore, Virgil G.			N. W. cor. Fourth & Sycamore.
1594	Gilmour, H. C.			North Bend, O.
27	*Gilpin, W. H.	Wm. Glenn & Sons.		Covington, Ky.
17	Glenn, James M.	The North Bend Coal and Coke Co.		S. E. cor. 12th and Walnut sts.
3700	Glenn, Wilmer D.	Covington Water-works.	Wholesale Liquors.	Smith Building.
2796	Glore, Wm. H.	Gobrecht & Meier.	Attorneys at Law.	92 & 94 Carr st.
3650	Gobrecht, Emil W.	Goebel & Bettinger.	Secretary.	24 E. Canal st.
2585	Goebel, Herman P.	The Sam. W. Weidler Co.	Malt, Hops and Brewers' Supplies.	24 E. Canal st.
2563	Goemann, Henry L.	with Herman Goepfer & Co.	Malt, Hops and Brewers' Supplies.	24 E. Canal st.
242	Goepfer, Chas. W.	Herman Goepfer & Co.	Brewers.	711 Elm st.
241	Goepfer, Edward.	Herman Goepfer & Co.	Vice-President.	United Bank Building.
886	Goepfer, Herman.	Christian Moerlein Brewing Co.	Grain and Provisions.	N. W. cor. Fourth & Walnut sts.
3397	Goetz, John, Jr., Secretary.	Cincinnati Desiccating Co.	Wholesale Clothing.	99 W. Third st.
2965	Goid, George J.	Goldsmith, Klaw & Co.	Manufacturing Druggists.	175 Sycamore st.
2475	Goldsmith, Albert.	Cincinnati Drug and Chemical Co.	Grain and Stock Dealers.	Trenton, O.
3430	Gooch, D. L.	Dietz, Good & Co.	Commission.	Mitchell Building.
1215	Good, John V.	Joseph Good & Co.	Superintendent.	80 W. Third st.
169	Good, Joseph.	The Bradstreet Co.	Stock and Bond Brokers.	71 W. Third st.
3458	Goodale, Levi C.	P. J. Goodhart & Co.	Retired Merchant.	52 & 54 W. Second st.
2453	Goodhart, Albert E.		Book-keeper.	
12	Goodhart, J. H.	with Putnam, Hooker & Co.		
2217	Goodin, S. Horace.			

MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
332	Guthrie, James V.	National Lafayette Bank.	Cashier.	18 W. Third st.
1392	Hacke, Henry	Cincinnati Volksfreund	Publishers	S. W. cor. Longworth and Vine.
2218	Haas, Adolph	B. & A. Haas	Fancy Dry Goods	140 Race st.
2219	Haas, Benjamin	B. & A. Haas	Fancy Dry Goods	140 Race st.
1363	*Hackmann, N. H.			
2808	Haussler, Jacob	Albine Printing Works	Job Printing and Book Binding	248 Walnut st.
474	Hafer, George	Ch. Lebanon & Northern Ry. Co.	President	Court st. and Broadway.
355	Hahn, F. A.	F. A. Hahn & Co.	Commission, Produce	51 Walnut st.
2745	Hahn, John	Jacob Niedermann & Co.	Butchers	Hamilton, Ohio.
2613	Hahn, Wilson	Geo. Nuezel & Co.	Wholesale Flour Dealers	108 E. Pearl st.
3638	Haile, James R.	James R. Haile & Co.	Commission	52 Walnut st.
1076	Hale, J. R., <i>Solicitor</i>	Citizens' Insurance Co.		82 W. Third st.
3145	Hale, Sam J., <i>President</i>	Globe Insurance Co.		68 W. Third st.
2887	Haley, Joseph W.	J. W. Haley & Co.	Real Estate Brokers	68 W. Third st.
3434	Hall, A. Acton	Hall's Safe and Lock Co.	Real Estate	31 Pike's Building.
3063	Hall, Charles O.	Hall's Safe and Lock Co.	Assistant Superintendent	183 & 185 W. Pearl st.
707	Hall, Edward C.	Hall's Safe and Lock Co.	Manufacturers of Safes and Locks	183 & 185 W. Pearl st.
3387	Hall, John H.	Kanawha Despatch	Manager	Pearl and Central ave.
3439	Hall, Sydney	Hall's Safe and Lock Co.	Manufacturers of Safes and Locks	183 & 185 W. Pearl st.
3340	Hall, Walker P.	Hall's Safe and Lock Co.		211 Carlisle ave.
253	Hall, William	The Cincinnati Cooperage Co.	Cashier	Cincinnati, O.
3223	Hall, William A., <i>Secretary</i>	Merchants' Mutual Fire Ins. Co.	Manufacturers of Safes and Locks	15 Carlisle Building.
1576	Hall, W. Harry	Hall's Safe and Lock Co.	President	183 & 185 W. Pearl st.
3467	Halm, George M.	North Bend Coal and Coke Co.		North Bend, O.
870	Hamilton, G. W., <i>Sec'y & Treas.</i>	Inland Oil Co.	Oils and Car Grease	58 & 59 Johnston Building.
1570	*Hamilton, Robert			
1571	Hamilton, William	Hanke Bros.	Grocer	40 & 42 E. Pearl st.
2011	Hanke, A.	Hanks, Hanks & Co.	Notions	464-468 Main st.
3063	Hanks, Edward J.	with C. Bonsall & Son	Wholesale Grocers	29 Vine st.
3631	Harding, Edward C.	Queen City Varnish Co.	Insurance	17 W. Third st.
2223	Hardinghaus, Henry, Jr.	Western & Atlantic Railroad	Varnish	8th st., near C. H. & D. R. R.
2573	Harmann, Charles E.	John W. Harper & Co.	Agent	Atlanta, Ga.
849	Harmeyer, E. F.	with James Levy & Bros.	Agricultural Implements	227 Walnut st.
2950	Harper, John W.		Fire Insurance	66 West Third st.
2846	Harris, George W.		Book-keeper	33 Sycamore st.
3301	Harrison, Edmund P.		Attorney at Law	8 West Third st.
1825	Harrison, George T.		Attorney at Law	Carlisle Building.
3282	Harrison, Joseph T.	First National Bank	President	Alien Building.
1240	Harrison, L. B.			N. W. cor. Third and Walnut.
1892	Harrison, Samuel T.			P. O. Box 173, Lexington, Ky.

314	*Harrison, William H.	W. H. Harrison & Co.	Coffee and Spices.	68 Walnut st.
3530	Harrison, W. H.	Debar & Hart.	Wholesale Liquors.	30 Vine st.
827	Hart, James.	with Hall's Safe and Lock Co.	Clerk.	183 & 185 W. Pearl st.
3455	Hart, John B.		Capitalist.	Reading Road, near Oak st.
2769	Hart, Matthew.		Steamboating.	Stag Hotel.
3508	Hart, Royal C.		Wholesale Hats and Caps.	71 W. Pearl st.
3282	Harte, George B.	Harte, Klare & Buvinger.	Grain.	Middletown, O.
1382	Hartley, James B.	J. B. Hartley & Co.	Wholesale Whiskies.	62 W. Front st.
.....	Hartmann, P. H.	P. H. Hartmann & Co.	Real Estate and Insurance.	341 York st., Newport, Ky.
3658	Harton, William H.	Harton & Eyer.	Superintendent.	Foot of Vine st.
2989	Hartweg, Fred.	Huntington & St. Louis Towboat Co.	Secretary.	Foot of Vine st.
2783	Hartweg, Gottlieb.	Huntington & St. Louis Towboat Co.		
1388	*Hartwell, John W.			
3424	Harvey, Carl H.			
36	Harvey, William.		Commission, Grain.	40 W. Fourth st.
2658	Harvey, Will am L.		Commission, Grain.	40 W. Fourth st.
1680	Haskins, Robert.	R. Haskins & Co.	Provisions.	61 Walnut st.
3456	Hatfield, James.	Hatfield Coal Co.		17 E. 7th st., Covington, Ky.
1149	Hauck, John.	The John Hauck Brewing Co.	President.	Central ave. and Dayton st.
2339	Hauck, John.	German National Bank.		S. E. cor. Third and Walnut.
3004	Hauck, Louis J.	with The John Hauck Brewing Co.	Clerk.	Central ave. and Dayton st.
2288	Hauck, P. W. J.	The John Hauck Brewing Co.	Vice-President.	Central ave. and Dayton st.
3402	Haighton, B. F.	Addyston Pipe and Steel Co.	Secretary and Treasurer.	First National Bank Building.
2817	Hauser, Stephan, Jr.	The Hauser, Brenner & Fath Co.	Tubs and Coopers.	12-34 Division st.
2780	Havlin, John.	Mente & Co.	Manufacturers of Bags.	49 Vine st.
483	Hawes, S. N., Secretary.	Attlesley Lithographing Co.		112 W. Court st.
1064	Hawkins, David M.	D. M. Hawkins & Co.	Commission.	102 W. Second st.
2122	Haves, Timothy.	Consolidated Distilling Co.		Sixth st. and Millcreek.
3265	Hazelton, George L.	The Bradford Mill Co.	Clerk.	Eighth and Evans sts.
696	Hazen, John F.	The Hazen Co.	Iron, Nails and Steel.	59 W. Fourth st.
533	Hearne, J. D., President.	Third National Bank.		65 W. Third st.
2775	*Heath, James M.			
1419	Heckert, H. F.	Cin. & Toledo Fast Freight Line.	Agent.	82 W. Fourth st.
1828	Heekin, James.	James Heekin & Co.	Coffee and Spice Mills.	41 & 43 W. Second st.
1117	Heffron, William.	William Heffron & Co.	West End Transfer Co.	197 McMicken ave.
1948	Hegler, J. D.		Steamboating.	Loveland, O.
3018	Hehman, G., Jr.	G. Hehman & Son.	Flour, Feed and Commission.	9 & 11 Water st.
762	Hehman, Louis.	Piqua Malt Co.	Secretary.	95 Sycamore st.
2486	Heid, John B.	Heid & Koss.	Flour.	119 Vine st.
2818	Heidrich, Charles.	Charles Heidrich & Co.	Produce Commission.	27 Walnut st.
1607	Heile, B.	B. Heile & Son.	Commission, Flour and Feed.	39 & 41 Water st.
1794	Heile, Frank, Jr.	with Heile Bros.	Clerk.	25 & 27 Water st.
3110	Heile, George.	G. & F. Heile	Feed Store.	647 Central ave.
1456	Heile, Henry.	Heile Bros.	Dealers in Hay and Grain.	25 & 27 Water st.
3262	Heine, Charles H.			

* Deceased.

MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
2445	Heinsheimer, Edward L.	P. J. Goodhart & Co.	Bankers and Brokers	71 W. Third st.
2123	Heinsheimer, J. A.	{ S. Obernayer Foundry Supply Manufacturing Co. }	Secretary and Treasurer	Evans, south of Eighth st.
9	Heinsheimer, L.	L. Heinsheimer & Co.	Cotton Factors	26 & 28 Vine st.
1971	Heinsius, Fred.	Heintz Lane & Co.	Real Estate and Note Brokers	202 Elm st.
2225	Heintz, Andrew J.	J. F. Heitmeyer & Sons.	Wholesale Grocers	64 W. Third st.
2835	Heitmeyer, Charles W.	J. F. Heitmeyer & Sons.	Wholesale Grocers	44 Walnut st.
633	Heitmeyer, J. F.	Hemingray Glass Co.	Manufacturers of Glass	44 Walnut st.
1207	Hemingray, Dan, C., <i>Manager.</i>	Henderson-Achert-Krebs Lith. Co.	Lithographers	Covington, Ky.
1936	Henderson, W. D.	T. A. Widrig & Co.	Flour, Feed and Grain	138-142 Sycamore sts.
1539	Hengelbrok, D.	First National Bank, Newport, Ky.	Book-keeper	Newport, Ky.
2412	Hengelbrok, J. D.	Henkel & Brehm	Contractors	Newport, Ky.
3587	Henneke, G. Henry	The J. H. Hermes Co.	Public Weigher	Molitor st., near Burnet Woods.
1788	Hennesch, J. H.	Pfirschmann & Herzog	Commission, Hay and Grain	27 Water st.
237	Herzog, George	H. S. Herzog & Co.	Wholesale Liquors	34 Vine st.
718	Herzog, Henry	Cincinnati Spring Co.	Commission	19 Water st.
2227	Herzog, H. S.	Brush Electric Light Co.	Clothing	68 W. Pearl st.
3330	Hess, Alfred	The Cin. Gas Light and Coke Co.	President	C. H. & D. R. R., bet. 8th & Gest.
3592	Hesser, Charles F.	Chattanooga, Rome & Columbus R. R.	Vice-President	S. W. cor. Fourth and Plum sts.
3674	Heuermann, Joseph	Hill & Strong	Feed and Grain	183 W. Sixth st.
3569	Hewitt, Samuel L.	Hill & Strick	Real Estate	Kinney ave., Walnut Hills.
831	Hicks, Robert C.	Hill Bros. & Co.	Gas Manufacturers	S. W. cor. Fourth and Plum sts.
3383	Hill, Alexander	George W. Hill & Co.	Agent	S. W. cor. Fourth and Vine sts.
1211	Hill, Alfred	with M. S. Forbus & Co.	Lumber Dealers	131 Hunt st.
2825	Hill, Edward C.	Hill Bros. & Co.	Attorneys at Law	United Bank Building.
1287	Hill, Edward H.	Hill & Smith	Maltster	351 Clifton ave.
1807	Hill, George W.	Central Chemical and Mfg. Co.	Grain	Chicago, Ill.
615	Hill, Samuel	Fifth National Bank	Groceries and Commission	Covington, Ky.
1327	Hill, Samuel V.	with M. Hirlinger	Manager	3 College Building.
321	Hill, William G.	Hirsch, Loewenstein & Levi	Grain	Chicago, Ill.
417	Hinchman, Harry B.	Maddux, Hobart & Co.	Wholesale Grocers	45 Vine st.
2438	Hinkle, A. Howard	with J. W. Sibley & Co.	Superintendent	368 E. Front st.
2610	Hinkle, Thornton M.	Hoeftinghoff & Laue	School Book Publishers	137 Walnut st.
3322	Hinsch, C. A.		Attorney at Law	19 Commercial-Gazette Building
2930	Hirlinger, August		Cashier	55 & 57 W. Third st.
1126	Hoban, Nicholas J.		Flour	503 Elm st.
2437	Hobart, William N.		Distillers and Redistillers	221 & 223 Walnut st.
55	Hobson, Joseph W.		Hoop poles and Cooperage	117 Water st.
279	Hoeftinghoff, Charles		Distillers and Redistillers	107 115 E. Pearl st.
2337	Hofa, Charles		Book-keeper	49 Walnut st.
572			Iron Founders	150 E. Front st.
			Wholesale Liquors	53 Vine st.

573	Hofer, Charles F.	with Charles Hofer.	Clerk.	53 Vine st.
524	Hoffheimer, Abraham.	Hoffheimer Bros.	Redistillers and Whisky Dealers.	19 & 21 Sycamore st.
3493	Hoffheimer, Clarence A.	with Hoffheimer Bros.	Traveling Salesman.	19 & 21 Sycamore st.
3203	Hoffheimer, Edwin M.	with Hoffheimer Bros.	Cashier.	New Haven, Conn.
525	Hoffheimer, Milton S.		Fire Insurance.	19 & 21 Sycamore st.
2386	Hoffheimer, Samuel M.		Redistillers and Whisky Dealers.	N. W. cor. Fourth and Vine sts.
522	Hoffheimer, Solomon.	Hoffheimer Bros.	Pork Packer.	19 & 21 Sycamore st.
2948	Hoffmann, John.		Butcher.	Central ave. and Baymiller st.
2546	Hoffmann, Michael, Jr.			39 Riddle st.
947	Holden, R. A.		Dried Fruit, Beans, etc.	13 & 15 Main st.
299	Holden, R. A., Jr.	R. A. Holden, Jr. & Co.	Salt.	53 Vine st.
2125	Holdt, James.	C. M. Holloway & Co.	Salt.	53 Vine st.
195	Holloway, C. M.	C. M. Holloway & Co.	Agent.	362 W. Fourth st.
3318	Holloway, J. Kyle.		Contracting Agent.	S. W. cor. Fourth and Vine sts.
2670	Holmes, Charles S.		Commission, Whisky.	56 W. Fourth st.
3335	Holmes, F. S.	Vandalia Line R. R.		N. E. cor. Second and Main sts.
2446	Holt, A. S. J.	Grand Rapids & Indiana R. R. Co.		
932	Holterhoff, Godfrey.	W. C. Biles & Co.		
1812	Holton, S. P.		Manufacturers Silver Plated Ware.	10-18 E. Seventh st.
3556	Homan, Joseph T.	Homan & Co.	Hay and Grain.	12 Water st.
1458	Honnigfort, H. B.		Division Freight and Passenger Agt.	S. W. cor. Fifth and Walnut sts.
1711	Honshell, Gus.	Chesapeake & Ohio Railway.	Steamboating.	Cutlettsburg, Ky.
232	Honshell, Wash.		Dry Goods Commission.	52 & 54 W. Second st.
260	Hooker, James J.	Putnam, Hooker & Co.	Flour, Grain, Feed, etc.	1320 Madison av., Covington, Ky.
3227	Hooper, J. F.		Capitalist.	Albany Building.
2178	Hooper, William.	Young Men's Mutual Life Ins. Co.	Real Estate.	6 Pike's Building.
2371	Hopkins, Charles F.	Bofinger & Hopkins.		N. W. cor. Fourth and Elm sts.
2408	Hopkins, Lewis G.		President.	Hopple st. and B. & O. S. W. R. R.
1282	*Hoppe, Dominick.	Farmers' & Drivers' Stock Yards Co.	Dry Goods, Carpets, etc.	Race, Seventh and George sts.
3673	Hopple, Casper V. T.	The John Shillito Co.	Coal.	Pittsburgh, Pa.
1818	*Hopple, James C.	Hornier & Roberts.	Consulting Engineer.	30 E. Fourth st.
1083	Hopple, William A.		Real Estate Broker and Auctioneer.	54 W. Third st.
2888	Hornet, James H.		Grocers and Commission.	S. W. cor. Front and Main sts.
3415	Hornung, George.		Capitalist.	S. W. cor. Front and Main sts.
800	Horton, A. C.	Hosea & Co.	Manager.	Court st. and Gilbert ave.
1164	Hosea, R. H.	Eggleston Avenue Stock Yards.	Millers.	Lockland, O.
2316	Hosca, Robert.	The House & Palmer Co.	Coal, Flour and Feed.	1125 and 1127 Colerain ave.
2884	Hoshal, M. T.	Aurora Distilling Co.	Wholesale Liquor Dealer.	Aurora, Ind.
1935	House, George.	Aurora Distilling Co.	Grain and Commission.	31 Sycamore st.
3488	Howard, Stephen E.	J. W. Hoyt & Co.	Live Stock Commission.	Aurora, Ind.
2865	Howe, C. L., President.	Huddleston, Hubbard & Co.		N. E. cor. Fourth and Walnut.
128	Howe, Robert.	Mill Creek Distilling Co.		Cincinnati Union Stock Yards.
3139	Howe, Willard W.			Evans st. and C. H. & D. R. R.
1781	Hoyt, J. W.			
3663	Hubbard, Charles R.			
1921	Hubbell, George.			

* Deceased.

MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
990	Hubbell, W. M., Jr.	Smvrl, Armstrong & Hughes.	Wholesale Coal.	Foot of Vine st.
2787	Hughes, Harry W.	Union National Bank.	Commission, Flour.	59 W. Fourth st.
708	Huchles, H. W. <i>President.</i>	Moessinger, Fritsch & Hagle.	Real Estate.	73 W. Third st.
1830	Hugle, William M.	Merchants' & Manufacturers Ins. Co.	Secretary.	S. W. cor. Fourth and Main sts.
3518	Hukill, Winfield S., Jr.	Hulbert, C. Harry.	Excutor, Estate of W. P. Hulbert.	15 W. Third st.
141	Hulbert, C. Harry.	W. S. Hume & Co.	Distillers.	S. E. cor. Sixth and Vine sts.
2899	Hulbert, George E.	Henry Huneke & Co.	Groceries.	Silver Creek, Ky.
2831	Hune, E. B.	Daniel H. Hunnewell.	Soaps, Candles and Oil.	307 & 509 Sycamore st.
2875	Hunneke, Henry.	Cin., Portsmouth & Virginia R. R. Co.	President.	552 Plum st.
471	Hunnewell, H. G.	Fleischmann & Co.	General Manager.	United Bank Building.
3156	Hunt, Samuel.	Cincinnati Type Foundry.	Secretary.	Plum and Perry sts.
797	Hunt, William L.			201 Vine st.
1720	Hunt, William P.			
3086	Hunter, Frederic W.			
231	Hunter, James.			
307	Huntington, Frank.		Agent, Johnston Building.	71 Johnston Building.
3497	Huntington, Frederick G.		Real Estate.	71 Johnston Building.
2915	Huntington, H. E.	Kentucky Central Railway.	Vice-President and General Manager.	40 & 41 Chamber Commerce Bldg.
419	Hurd, James D.			1121 Monadnock Bldg., Chicago.
3201	Hurd, Rukard.			St. Paul, Minn.
3356	Hurford, H. E.	Dawson Blackmore & Co.	Flour and Provisions.	38 and 40 Vine st.
1930	Huschart, Frank M.	with The Roth-Meyer Packing Co.	Book-keeper.	337 & 339 Freeman ave.
1945	Huschart, Geo. H.	Meyer & Husehart.	Pork and Beef Packers.	5-11 Clarkson st.
637	Huseman, Herman.		Note, Stock and Bond Broker.	66 W. Third st.
620	Hutchcraft, R. B.		Commission.	Paris, Ky.
3287	Hutton, James M.	W. E. Hutton & Co.	Note, Stock and Bond Brokers.	53 W. Third st.
3626	Hutton, William D.	W. E. Hutton & Co.	Note, Stock and Bond Brokers.	53 W. Third st.
49	Hutton, William E.	W. E. Hutton & Co.	Furniture, Carpets and Stoves.	193 W. Fifth st.
3245	Hynan, David W.	Hynan & Co.		
1063	Immenhorth, Henry, Jr.	The Marnet Co.	Superintendent of Transportation.	Central ave. and Water st.
90	Ingalls, M. E.	C. C. C. & St. L. Ry. Co.	President.	Central Union Station.
1572	Ireland, George F.		Commission and Brokerage.	43 Walnut st.
2923	Irwin, Edwin U.	Queen City Cracker Co.	Book-keeper.	89 Court st.
3328	Irwin, William G.	Irwin, Ellis & Ballman.	Note, Stock and Bond Brokers.	51 W. Third st.
1756	Irwin, William T.	Dayton Coal and Iron Co. (Limited).	Pig Iron.	19 Johnston Building.
3567	Isaacson, William J.		Grain and Commission.	154 Myrtle ave., Walnut Hills.
969	Isham, John G.		Treasurer.	Overpeck, O.
3485	Istuzi, William.	Globe Soap Co.		29-35 Water st.
3228	Ives, Caleb.		Flour Inspector.	82 W. Front st.
3369	Izor, Monroe.			

1721	Jackson, Andrew	Jackson & Forbes	Real Estate	Cedarville, O.
2888	Jackson, R.	Henry W. Smith & Co.	Distillers	22 E. Fourth st.
2965	Jacob, Charles H.	The Jacob Packing Co.	Pork and Beef Packers	240 W. Fourth st.
462	Jacob, Charles, Jr.	The Jacob Packing Co.	Pork and Beef Packers	N. W. cor. Canal and Findlay.
463	Jacob, George C.	Charles C. Jacobs Cordage Co.	Pork Packer	N. W. cor. Canal and Findlay.
3248	Jacob, Joseph L.	Charles C. Jacobs Cordage Co.	Rope, Twine and Hemp	Camp Washington, City.
2229	Jacobs, C. M.	Emil Jacobson & Co.	D stillers' Agents & Whisky Brokers	83 Walnut st.
3155	Jacobson, Emil	James & Mayer Buggy Co.	Carriage Builders	69 & 71 Main st.
1369	Jacoby, J. B.	Janson Brothers	Produce Commission	Seven Mile, Butler County, O.
2231	James, Howard K.	A. Jansen & Co.	Wholesale Grocers	25 Smith Building.
2712	Janson, Martin, Jr.	George Janion & Sons	Teamster	624 Vine st.
1902	Jansen, August	The Jeffras Cloak Co.	Soap, Candles and Lard	21 and 23 W. Second st.
1903	Jansen, Henry	F. Jelke & Son	Manufacturers of Cloaks and Wraps	27 Rittenhouse st.
2987	Janion, George	T. M. Jenkins & Co.	Commission	Columbus, O.
887	Jeffras, Nathaniel A.	The Jewett & Dwight Co.	Manufacturers of Bags	262 W. Fourth st.
229	Jelke, Ferdinand	The Jewett & Dwight Co.	Manufacturers of Bags	47 Walnut st.
3542	Jenkins, T. M.	Brooks Johnson & Co.	Provision Brokers	Pittsburgh, Pa.
1243	Jewett, Joseph F.	Etna Ins. Co., of Hartford, Conn.	Local Agent	Vine and Water sts.
3441	Jewett, Joseph F., Jr.	Covington & Cincinnati Bridge Co.	Real Estate	Vine and Water sts.
1298	Johnson, Brooks	Johnson & Levy	Coal	282 Sycamore st.
200	Johnson, Chapman	Johnson & Co.	Coal	171 Vine st.
....	Johnson, Evan L.	W. W. Johnson & Co.	Wholesale Liquor Dealers	180 Walnut st.
2895	Johnson, James T.	Johnson & Co.	Wholesale Liquor Dealers	Front and Broadway.
2295	Johnson, John A., Asst Secretary	Johnson & Co.	Wholesale Liquor Dealers	Briggs entrance.
3346	Johnson, J. William	Johnson & Co.	Wholesale Liquor Dealers	18-19-20 Chamber of Com. Bldg.
155	Johnson, Samuel J.	Johnson & Co.	Wholesale Liquor Dealers	18 E. Fourth st.
130	Johnson, W. W.	Johnson & Co.	Wholesale Liquor Dealers	18 & 20 Sycamore st.
1901	Johnston, Samuel B.	Johnson & Co.	Wholesale Liquor Dealers	167 Freeman ave.
2327	Jonas, Jacob	Johnson & Co.	Wholesale Liquor Dealers	29 W. Third st.
2893	Jones, Clarence H.	Johnson & Co.	Wholesale Liquor Dealers	Foot of Elm st.
2413	Jones, Frank J.	Johnson & Co.	Wholesale Liquor Dealers	Foot of Elm st.
3284	Jones, John T.	Johnson & Co.	Wholesale Liquor Dealers	59 W. Fourth st.
....	Jones, Robert B.	Johnson & Co.	Wholesale Liquor Dealers	51 & 53 Longworth st.
2395	Jones, Walter St. John	Johnson & Co.	Wholesale Liquor Dealers	S. W. cor. Fourth and Vine sts.
1877	Jones, Wm. H.	Johnson & Co.	Wholesale Liquor Dealers	79 W. Third st.
3439	Joseph, Samuel	Johnson & Co.	Wholesale Liquor Dealers	28 W. Court st.
3133	Jung, J. George	Johnson & Co.	Wholesale Liquor Dealers	132-140 Harrison ave.
1393	Junest, William	Johnson & Co.	Wholesale Liquor Dealers	711 Elm st.
1262	Justin, Wm. C.	Johnson & Co.	Wholesale Liquor Dealers	Longworth and Vine sts.
....	Kaes, George	Johnson & Co.	Wholesale Liquor Dealers	286 W. Sixth st.
2836	Kahn, Bernhard	Johnson & Co.	Wholesale Liquor Dealers	Ninth and Broadway.
2127	Kahn, Charles, Jr.	Johnson & Co.	Wholesale Liquor Dealers	33 & 35 Vine st.
219	Kahn, Felix	Johnson & Co.	Wholesale Liquor Dealers	78 W. Third st.
1216	Kahn, Felix	Johnson & Co.	Wholesale Liquor Dealers	Hamilton, O.

* Deceased.

MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	Business.	LOCATION.
444	Kahn, Lazard	F. & L. Kahn & Bros.	Stove Manufacturers	Hamilton, O.
3497	Kahn, Wolf B.	Kahn, Sturm & Co.	Wholesale Clothing	S. E. cor. Third and Race sts.
2439	Kain, Michael	J. J. Sullivan & Co.	Undertakers	153 Central ave.
1289	Kasten, C. F.	Gruener & Kasten	Dealers in Malt	17, 19 & 21 Webster st.
30	Kates, Lew		Steamboat Captain	851 Gilbert ave.
2375	Kaufman, Jacob		Live Stock Dealer	Cincinnati Union Stock Yards.
3197	Kaufman, Charles J.	The John Kauffman Brewing Co.		604 Vine st.
842	Kaufman, John, Jr.	The John Kauffman Brewing Co.		604 Vine st.
1846	Kaufman, M. B.	The John Kauffman Brewing Co.		604 Vine st.
2519	Kaus, John	with J. F. Sadler & Co.		Cincinnati Union Stock Yards.
1210	Keck, Lee R.		Live Stock Dealers	30 E. Fifth st.
1258	Keck, L. R., Book-keeper	C. P. B. S. & P. Packet Co.		Foot of Broadway.
744	Keever, LaFayette C.	James H. Laws & Co.	Wholesale Grocers	16 & 18 W. Second st.
2537	Keinat, George J.		Flour and Feed	River road and German st.
1524	Keith, C. W.	Banner Stock Yards	Live Stock	Covington, Ky.
3260	Kelley, Thomas H.	Follett & Kelley	Attorneys at Law	64 W. Third st.
824	Kellogg, Chas. H., Jr.	Third National Bank	Vice-President	65 W. Third st.
496	Kennedy, D. M.	D. M. Kennedy & Co.	Forwarding Flour and Grain	21 E. Canal st.
420	Kennedy, John M.		Grain, Commission	23 Johnston Building.
487	Kennedy, Lewis		Real Estate	273 Main st.
1264	Kennedy, Maxwell		Grain, Commission	46 Chamber of Commerce Bldg.
1366	Kennedy, W. B.		Real Estate	37 Commerce Bldg., Chicago.
488	Kennedy, Willis J.		Insurance Agents	273 Main st.
1638	Kennett, John	John Kennett & Son	Salt	9 W. Third st.
197	Kern, Albert P.	C. M. Holloway & Co.	President	53 Vine st.
7	Kerper, George B.	The Queen City Electric Co.	Wholesale Grocers	54 Longworth st.
1340	Kerr, J. C.	Kerr, Kahn & Co.	Steamboating	33 & 35 Vine st.
2021	Kerr, R. H.		Feed and Grain	185½ Barr st.
3411	Kettler, John B.	The Ohio Valley Co.	Printers and Binders	219 E. Pearl st.
2813	Keys, John B.	Cincinnati Gazette Co.		Rear of 137-143 Race st.
1657	Kild, Edwin T., Treasurer			Fourth and Race sts.
127	Kierstedt, Jeremiah	Franklin Bank		127 E. Third st.
935	Kilgour, Chas. H., Director	Cincinnati Street Railway Co.	President	14 W. Third st.
502	Kilgour, John	Star Union Line	Coal Dealer	N. W. cor. Fifth and Walnut sts.
3	Kineon, Sol. P.	American Express Co.	Freight Agent	Smith and Water sts.
3448	King, James B.			82 W. Fourth st.
2618	Kingsbury, Chas. G., Agent			118 W. Fourth st.
318	Kinney, C. D.			Neave Building.
1865	Kinney, Harry W.	E. A. Kinsey & Co.	Banker	Fairhaven, Wash.
3551	Kinsey, E. A.	George Kinsey & Co.	Railway Supplies and Machinery	227 and 229 W. Fourth st.
2528	Kinsey, George	Post & Co.	Iron and Steel	249 W. Fourth st.
3304	Kinsey, Isaac, Vice-President			217 W. Fourth st.
3275	Kinsey, Oliver		Marble	217 W. Fourth st.

203	Kinsinger, C.	with Maddux, Hobart & Co.	Superintendent.	Freeman ave. and Findlay st.
58	Kinsinger, Fred.	W. & R. Kirby	Pork and Beef Packers.	Gest st. and Millcreek.
454	*Kirby, Robert.	Kirchner & Scully	Contractors.	59 Poplar st.
453	Kirchner, Frank.	Ella Layman Towboat Co.	Steamboating and Coal.	N. W. cor. Eighth & Central ave.
2037	*Kirk, John W.	Kirschner Bros.	Grocers.	Charleston, W. Va.
3521	Kirker, Edward C.	Fifth National Bank.	President.	Walnut Hills, City.
882	Kirschner, Ferdinand.	C. Klein Flour and Feed Co.	President.	55 West Third st.
325	Kirtley, J. M.	C. Klein Bros. & Hymen	Wholesale Liquors.	
1086	Klausmeyer, August.	C. Klein Flour and Feed Co.	Secretary and Treasurer.	10-18 Hunt st.
498	Klein, Christian.	Kleine, Detmer & Co.	Cloths.	17 Sycamore st.
2754	Klein, Simon.	Kushman, Wiggins & Co.	Produce Commission.	10-18 Hunt st.
2803	Klein, William.	Western German Bank	Cashier.	97 W. Third st.
2129	Kleine, Martin.	Rudolph Kleybolte & Co.	Note, Stock and Bond Brokers.	19 W. Front st.
2739	Kleinfelter, C. H.	Colter Packing Co.	Iron, Glass and Paper Show Cards.	Twelfth and Vine sts.
3016	Kleybolte, Leopold.	Hope Mfg. Co., Woodbury, N. J.	Ice Dealers.	30 W. Third st.
3501	Kleybolte, Rudolph	A. & H. Knorr	Distillers.	18 W. Fourth st.
.....	Kline, Bennetville.	Mueller, Wathen & Kobert.	Book-keeper.	58 York st.
659	Knaul, M. Jr.	with J. G. Sohn & Co.	Brewers.	68 W. Third st.
3259	Knight, William H.	Hudepohl & Kotte	Attorneys at Law.	Elm and Henry sts.
3315	Knorr, Henry.	Kramer & Kramer.	Attorneys at Law.	Lebanon, Ky.
367	Kobert, Charles.	The Shinkle, Wilson & Kreis Co.	Pianos, Organs, etc.	330 McMicken ave.
689	Koch, Ernst.	Bransche & Kreuning	Liquor Dealers.	City.
1412	Kolling, William.	B. H. Kroger & Co.	Grocer.	77-97 Clifton ave.
2551	Kotte, George H.	Kroger, Redway & Co.	Pig Iron and Coke.	United Bank Building.
2417	Kramer, Adam A.	Louis Krohn & Co.	Cigars and Tobacco.	United Bank Building.
2451	Kramer, Louis.	The Gerke Brewing Co.	Salesman.	S. E. cor. Vine and Front sts.
1184	Kreis, John A.	with Mihalovitch, Fletcher & Co.	Liquors.	144 W. Fourth st.
3289	Krell, Albert, Jr.	A. Senior & Son.	Wholesale Whisky.	12 Main st.
2285	Krenning, Henry R.	S. Kuhn & Sons	Bankers.	106 E. Pearl st.
3053	Kroger, B. H.	.....	Umbrella Manufacturer.	Mitchell Building.
3800	Kroger, Robert J.	F. Kushman & Co.	Produce and Commission.	136 Vine st.
2355	Krohn, Louis.	Kushman, Wiggins & Co.	Grain and Stock.	Forestville, O.
1329	Krug, Philip.	Kyle & Williamson.	.....	Plum and Canal sts.
3319	Kuerze, Robert M., President.	Eureka Fire and Marine Ins. Co.	.....	168-172 E. Pearl st.
3561	Kugel, Ignatius.	.....	.....	1033 & 1035 W. Eighth st.
1023	Kuhlmann, Bernard.	.....	.....	Eighth and Burns sts.
1175	Kuhlmann, Frederick.	.....	.....	107 Sycamore st.
2425	Kuhn, Edward.	.....	.....	72 W. Third st.
1543	Kuhn, Louis.	.....	.....	62 W. Fourth st.
439	Kuhn, M. E.	.....	.....	5 W. Front st.
1542	*Kuhn, Samuel.	.....	.....	19 W. Front st.
1742	Kushman, Frederick.	.....	.....	Kyle's, O.
2664	Kushman, J. H.	.....	.....	23 W. Third st.
631	Kyle, B. F.	.....	.....	.....
995	*Kyle, John, President.	.....	.....	.....

* Deceased.

MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
2134	Labold, A. S.	Labold & Newburgh.	Liquors	84 & 86 W. Third st.
2135	Lackman, Albert.	The Herman Lackman Brewing Co.		525 W. Sixth st.
3525	Lackman, Herman, Jr.	The Herman Lackman Brewing Co.		525 W. Sixth st.
2136	Lackman, H. F.	The Herman Lackman Brewing Co.		525 W. Sixth st.
725	Lafferty, A. R., Agent.	Canada Southern Freight Line.		S. W. cor. Fourth and Vine sts.
1380	Lafferty, D. C.		Deputy Weigher	760 W. Sixth st.
652	Lafferty, D. E.		Deputy Weigher	760 W. Sixth st.
3142	Lehmann, Henry	Lahmann & Beeching	Produce and Commission.	166 W. Court st.
3142	Laidlaw, Robert.	The Laidlaw & Dunn Co.	Pumps, Machinery, etc.	Pearl and Plum sts.
3543	Laidley, F. A.	F. A. Laidley & Co.	Pork Packers.	61 Water st.
1608	Laidley, Frederick R.	with F. A. Laidley & Co.	Pork Packers.	61 Water st.
3052	Laist, Otto	Laist & Hochstetter	Manufacturing Chemists	Providence st.
3052	Lampe, John B.		Feed Store.	Carthage, O.
3481	Lang, Robert.	Wm. L. Lang & Co.	Grain, Flour and Feed	Idlewild, O.
3480	Langdon, H. E.	H. E. Langdon & Co.	Peanuts, Sorghum and Produce.	48 Walnut st.
546	Langdon, Perin	U. S. Baking Co. (Langdon Branch).	Bread and Cracker Bakers	23-33 Lock st.
698	Langhorst, Henry A.	Albert Schwill & Co.	Malt and Brewers' Supplies	184 McMicken ave.
361	Lape, Jacob S.		Capitalist.	8 Laurel st.
808	Lapp, J. E.		Stock Broker	359 Walnut st.
1906	Laralde, E. N.			29 W. Third st.
2528	Larkin, Joseph F.			13 W. Third st.
1984	Larmon, James.	Cincinnati Barbed Wire Fence Co.	Manufacturers of Barbed Wire.	Fairmount, City.
3688	Latta, L. L.	Cincinnati Elevator Co.	Superintendent	596-598 W. Fifth st.
1723	Latta, R. B.		Flour Broker.	Lockland, O.
1279	Law, Charles H.	The Corrugated Elbow Co.	President.	S. W. cor. Gano and St. Clair.
1236	Law, George W.	John H. Law & Co.	General Fire Insurance Agency	United Bank Building.
1235	Law, John H.	John H. Law & Co.	General Fire Insurance Agency	United Bank Building.
1281	Law, William F.	Law & Gansel	Insurance.	25 W. Third st.
743	Laws, Harry L.	James H. Laws & Co.	Wholesale Grocers.	16 & 18 W. Second st.
1012	Lawson, F. H.	F. H. Lawson & Co.	Tin Plate and Metals.	188 & 190 Main st.
3234	Lea, Edward T.	Lea, Sterrett & Co.	Stock Brokers.	28 W. Third st.
387	Lehmer, James D., President.	The Western Manufacturing Co.		116 Broadway.
2882	Lehrter, William.			116 Broadway.
2759	Leighton, George N.		General Broker.	36 W. Third st.
3303	Lemker, Bernard.	Trumpet Flour Mill Co.	President.	Covington, Ky.
1817	Lemont, S. M.	The Cincinnati Coffin Co.	Vice-President.	Carr and Richmond sts.
1537	Lepper, Adam.	Lepper, Wade & Co.	Real Estate and Note Brokers.	59 W. Third st.
1970	Lett, Allen W.	Lett & Co.	Commission	38 Walnut st.
2234	Leverone, John.	J. Leverone & Co.	Foreign Fruits and Fancy Groceries.	32 W. Front st.
1796	Levi, David H.	Ohio Valley Seed Co.	Field and Garden Seeds.	26 E. Pearl st.
334	Levi, Herman.	with City Water-works.	Book-keeper.	168 W. Ninth st.
747	*Levi, Leopold			

748	Levi, Louis S.	Hirsch, Loewenstein & Levi.	Distillers and Redistillers.	225 Walnut st.
1715	Levy, Sol. W.	James Levy & Bro.	Wholesale Whisky.	221 & 223 Walnut st.
432	Levy, Albert	with James Levy & Bro.	Clerk.	33 Sycamore st.
2461	Levy, Harry M.	James Levy & Bro.	Wholesale Whisky.	33 Sycamore st.
431	Levy, James.	Johnson & Levy.	Attorneys at Law.	18-19-20 Chamber of Com. Bldg.
2871	Levy, Lipman.			
1987	Lewis, Alex. H.			
583	Lewis, Eugene L.			
75	Lewis, Henry.			
82	Lewis, John V.			
1809	Lewis, W. H.	W. H. Lewis & Co.	Leaf Tobacco.	P. O. Box 583, City.
597	Liebenstein, Louis K.		Broker.	United Bank Building.
685	Linck, Frank.		Malster.	388 Marlbor'gh st., Boston, Mass.
1911	*Lincoln, T. D.			56 W. Front st.
3389	Linnard, T. B.	Borlen, Selleck & Co.		593 W. Fifth st.
305	Lippelmann, H. H.	Lippelmann Carriage Co.	Agnts Howe Scale Co.	S. E. cor. Pearl & Walnut sts.
503	Lippincott, J. B.		President.	428 Gest st.
3180	Lippincott, W. J.	Cincinnati Union Stock Yards.	Provision Broker.	Baltimore, Md.
757	Lippincott, W. J., <i>President.</i>	United Railroads Stock Yards.	President.	Spring Grove ave.
1775	List, Charles D.		Steamboat Clerk.	Spring Grove ave.
3215	Littell, Harvey M.	Cincinnati Inclined Plane Ry. Co.	General Manager.	Wheeling, W. Va.
2874	Little, Jeremiah H.		Grain and Lumber.	Head of Main st.
3373	Littleford, William.		Attorney at Law.	Yellow Springs, O.
1675	Livezey, T. E.		Manufacturers of Lumber.	Johnston Building.
2715	Lloyd, H. P.	I. W. Livezey & Co.	Public Weigher.	Newport, Ky.
3689	Lodge, Walter C.	Lloyd & Taft.	Fire Insurance.	56 & 57 Johnston Building.
351	Loewe, Henry.		Wholesale Butchers.	21 Water st.
565	Loewenstein, August.	Loewenstein Canning Co.	Wholesale Butchers.	N. W. cor. Fourth and Vine sts.
566	Loewenstein, Daniel.	Loewenstein Canning Co.	Wholesale Butchers.	N. W. cor. John and Livingston.
567	Loewenstein, Emanuel.	Loewenstein Canning Co.	Butcher and Packer.	N. W. cor. John and Livingston.
1933	Loewenstein, Gus., Sr.		Wholesale Butchers.	Ninth and John sts.
564	Loewenstein, Henry.	Loewenstein Canning Co.	Wholesale Butchers.	N. W. cor. John and Livingston.
563	Loewenstein, Herman.	Loewenstein Canning Co.	Distillers and Redistillers.	N. W. cor. John and Livingston.
1127	Loewenstein, Max.	Hirsch, Loewenstein & Levi	Smoked Fish and Provisions.	221 & 223 Walnut st.
3683	Lohrey, Jacob.	Long & West.	Live Stock Commission.	45-49 Kindel ave.
1983	Long, Simon.			Cincinnati Union Stock Yards.
918	*Longley, H. W.			
1261	Loper, Albert.	Loper, Dater & Co.	Live Stock Commission.	Cincinnati Union Stock Yards.
1827	Loper, Frederick M.	with Loper, Dater & Co.	Book-keeper.	Cincinnati Union Stock Yards.
3684	Loper, G. Weaver.	Victoria Cordage Co.	President.	S. W. cor. Third and Walnut sts.
3273	Lotze, August H.	A. Lotze, Sons & Co.	Ranges, Furnaces and Stores.	219 Walnut st.
618	Loudon, James A.		Grain Commission.	40 Vine st.
2045	Lovell, J. B.	Pioneer Coal Co.	Secretary and Treasurer.	N. W. cor. Front and Broadway.
846	Lovett, Thomas D.		Consulting Engineer.	Room 20, 49 W. Third st.
2041	Lowe, William R.		Life Insurance.	411 Neave Building.
2814	Lowman, James.	J. & F. Lowman.	Capitalist.	N. E. cor. Pearl and Race sts.

* Deceased.

MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
951	Lowry, Samuel.	Consolidated Tank Line Co.	.....	31 & 33 W. Pearl st.
3093	Ludlow, W. E.	Northwestern Coal and Coke Co.	.....	Toledo, O.
2695	Luigart, Joseph	Luigart & Horting.	.....	Lexington, Ky.
1002	Lutterbey, Rudolph.	Lutterbey & Muhlhauser	.....	63 Harrison ave.
1933	Lyford, John.	.....	.....	57 W. Third st.
452	Lykins, William J.	W. J. Lykins & Co.	.....	6 W. Front st.
2771	Lynn, M. E.	Queen City Coal Co.	.....	Foot of Mill st.
412	Lysle, Addison.	George Lysle & Sons.	.....	Pittsburgh, Pa.
3138	Lysle, George, Jr.	George Lysle & Sons.	.....	Pittsburgh, Pa.
2996	McAlpin, William.	The George W. McAlpin Co.	Wholesale Dry Goods.	101-105 W. Fourth st.
3639	McBreen, James, Jr.	.....	Purchasing Agent.	49 Walnut st.
3613	McCabe, John M.	.....	Hides and Tallow.	51-55 Poplar st.
1929	McCabe, John P.	J. P. McCabe & Co.	Commission.	12 W. Front st.
3025	McCallister, William.	P. C. C. & St. L. R. Co.	Agent.	Front and Butler sts.
2538	McCallum, William A.	Wm. Kirkup & Son.	Brass and Iron Founders.	S. E. cor. Pearl and Ludlow sts.
1584	McCammon, Chas. E.	L. H. McCammon & Bros.	Sewer Pipe and Lumber.	582 W. Sixth st.
1486	*McCammon, L. H.	.....	.....	Walnut Hills, City.
1739	McJenahan, Wm. C.	with City & Suburban Tel. Ass'n.	Chief Clerk.	First National Bank Building.
1783	McComas, Richard T., Jr.	Enterprise Fire and Marine Ins. Co.	.....	82 W. Third st.
3213	McCord, J. W., President.	A. W. McCormick & Sons.	Attorneys at Law.	63 Pike's Building.
3405	McCormick, Andrew W.	C. H. & D. R. R. Co.	General Passenger and Ticket Agent.	200 W. Fourth st.
3377	McCormick, E. O.	Louisville & Nashville R. R. Co.	Agent.	Front and Butler sts.
3602	McCourt, John C.	.....	Provision Agent.	Cincinnati, O.
1985	McCrea, Chas. T.	J. M. McCullough's Sons.	Agricultural Implements and Seeds.	136 Walnut st.
494	McCullough, A.	J. Charles McCullough.	Seed Commission.	S. E. cor. Second and Walnut.
495	McCullough, J. C.	Consolidated Tank Line Co.	Coal Dealer.	31 & 33 W. Pearl st.
216	McDonald, Alex.	.....	Business Manager.	Pittsburgh, Pa.
1718	McDonald, Marshall.	Cincinnati Enquirer.	Lumber.	247 Vine st.
406	McDowell, J. J.	The McFarlan Lumber Co.	Commission.	Norwood, O.
3034	McFarlan, F. B.	McFarlan, Baldwin & Co.	Real Estate and Insurance.	46 & 48 Vine st.
772	McGary, Wm. M.	Mauck & McGuire.	Steamboat Agents.	Cumminsville, City.
1940	McGuire, James	Clifton Springs Distilling Co.	Secretary.	4 Public Landing.
1188	McGuire, Matthew.	McIlvain & Spiegel, Boiler & Tank Co.	President.	Cumminsville, City.
2141	McHugh, James T.	.....	Steamboating.	S. W. cor. Pearl and Lawrence.
1371	McIlvain, Thomas.	.....	Steamboating.	Newport, Ky.
1947	McIntyre, S. C.	.....	.....	Room E, Pike's Building.
1946	McIntyre, W. F.	.....	.....	Room E, Pike's Building.
327	McKeegan, James.	.....	Proprietary Medicines.	111 Sycamore st.
562	McKeegan, Samuel.	J. N. Harris & Co. (Limited).	Coal.	Pittsburgh, Pa.
3221	McKenzie, Stephen H.	.....	.....	.....
3549	McKinley, William H.	McKinley & Douds,	.....	.....

1241	McLaughlin, Geo. <i>President.</i>	Firemen's Insurance Co.	Secretary and Manager.	29 W. Third st.
3576	McLean, Charles F.	Zoological Gardens.	Proprietor and Publisher.	164 Vine st.
409	McLean, John R.	Cincinnati Enquirer.	General Freight Agent.	247 Vine st.
1478	McLeod, A. H.	C. H. & D. R. R. Co.	Assistant General Freight Agent.	200 W. Fourth st.
3591	McLeod, Albert D.	C. H. & D. R. R. Co.	Real Estate.	200 W. Fourth st.
689	McNamara, T. E.	McNamara & Conner.	General Agent.	1 & 2 Wiggins Block.
3279	McQuigg, George.	Ohio River Salt Co.	Grain Commission.	Pomeroy, O.
3313	McQuillan, William R.	Maguire & Co.	Secretary and Treasurer.	92 W. Fourth st.
136	McRae, Milton A. <i>Manager.</i>	The Post Publishing Co.	Book-keeper.	95 & 97 Longworth st.
1913	McRoberts, Robert.	The John Curtis Sons' Carriage Co.	Transportation.	311 Western ave.
3520	McVeigh, J. A.	with Henry Verhage.	Transportation.	274 Sycamore st.
1158	McVeigh, P. P. <i>Superintendent.</i>	Covington Transfer Co.	Transportation.	50½ W. Front st.
330	Macbrair, W. C.	Covington Transfer Co.	Vice-President and Gen'l Manager.	S. E. cor. Fifth & Sycamore sts.
3639	Macdonald, John M.	Macbrair Lithographing Co.	Clerk.	United Bank Building.
3574	Nachol, Henry.	with The Procter & Gamble Co.	Book-keeper.	71 W. Third st.
877	Mack, E. J.	with P. J. Goodhart & Co.	Distillers.	28 Sycamore st.
623	Mack, Henry.	Elias Block & Sons.	Wholesale Clothing.	49 W. Third st.
624	Mack, Isaac H.	Mack, Stadler & Co.	Wholesale Clothing.	109 W. Third st.
625	Mack, Marc H.	Mack, Stadler & Co.	Life Insurance.	109 W. Third st.
2864	Mack, M. J.	with Gerard, Lampe & Stallo.	Attorneys at Law.	United Bank Building.
3476	Mackentepe, Frederick E.	R. Macready & Co.	Cotton.	5 W. Fourth st.
355	Macready, R.	R. Macready & Co.	Cotton Exchange, New York.	Cotton Exchange, New York.
356	Macready, W. H.	R. Macready & Co.	Cotton Exchange, New York.	Cotton Exchange, New York.
3085	Maddux, Lewis O.	Maddux, Hobart & Co.	Public Weigher.	Front and Wood sts.
57	Maddux, Thomas.	Maddux, Hobart & Co.	Distillers and Redistillers.	107-115 E. Pearl st.
102	Maddux, Thomas.	Maerten Bros.	Broker.	133 W. Front st.
3077	Maerten, Frederick.	Maescher & Co.	Flour and Feed.	Newport, Ky.
1176	Maescher, J. V.	Maescher & Co.	Pork and Beef Packers.	768 & 770 Central ave.
3686	Maescher, Louis J.	Maescher & Co.	Pork and Beef Packers.	768 & 770 Central ave.
1177	Maescher, William.	Maescher & Co.	Pork and Beef Packers.	768 & 770 Central ave.
186	Magill, H. M. <i>Agent.</i>	Phoenix Insurance Co.	Grain Commission.	S. W. cor. Race and George.
3366	Maguire, Charles S.	Maguire & Co.	Contracting Agent.	92 W. Fourth st.
2335	Maher, James J.	Erie Despatch.	Wholesale and Retail Grocer.	99 W. Fourth st.
1808	Mahoney, James J.	Erie Despatch.	Vice-President.	84 Broadway.
3164	Mallory, W. L.	The Hocker-Manns Shoe Mfg. Co.	President.	295 Main st.
3159	Manns, John.	The Hocker-Manns Shoe Mfg. Co.	Contractor and Builder.	101 W. Pearl st.
2030	Manns, Louis.	The Manns Bros. Boot and Shoe Co.	Managing Editor.	84 W. Pearl st.
3644	Marblestone, Manuel.	Commercial-Gazette Co.	Business Manager.	489 and 491 Plum st.
3464	Marcus, M.	Cincinnati Volksblatt.	Manufacturers of Paints.	Fourth and Race sts.
3464	Marfield, Elliott.	Western Paint Co.	Coal and Coke (President).	269 Vine st.
14	Markbreit, Leopold.	The Marmet Co.		25 Main st.
3317	Markley, A. J.			Central ave. and Water st.
812	Marmet, Otto.			

• • Deceased.

MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
1561	Martin, A. C.	A. C. Martin & Son.	Commission and Grain.	33 Chamber of Commerce Bldg.
3061	Martin, Charles R.	A. C. Martin & Son.	Commission and Grain.	33 Chamber of Commerce Bldg.
2634	Martin, Henry.	Mt. Auburn Cable R. R. Co.	President.	Mt. Auburn, City.
2531	Martin, John H.	Smith & Martin.	Attorneys at Law.	S. W. cor. Third & Walnut sts.
3687	Martin, Robert A.	with Shinkle, Wilson & Kreis Co.	Salesman.	Front and Vine st.
1679	Martin, T. L.	Lexington Roller Mills Co.	State Agent.	Lexington, Ky.
3498	Marty, L. K.	United States Cash Register.	Real Estate.	159 Plum st.
2572	Mathers, Hiram S.		Pork Facker.	D. Chamber of Commerce Bldg.
2561	Mathers, William.		Secretary.	Gilbert ave., Walnut Hills.
3065	Mathews, George.	The Jones Bros. Publishing Co.	President and General Manager.	51 & 53 Longworth st.
3122	Mattox, A. H.	Keeley Institute.	Groceries, Grain, etc.	Madisonville, O.
3680	Mattox, John W.	Mattox & VanDeren.	Steamboat Agents.	Cynthiana, Ky.
956	Mauck, Eli R.	Mauck & McGuire.	Flour and Feed.	4 Public Landing.
3418	Maxwell, James A.		Statistician.	Portsmouth, Ohio.
289	Maxwell, Marcellus J.		Insurance.	Urbana, O.
3196	May, Sol.		Bankers.	Neff ave. and Isabella st.
1960	*Mayberry, S. V.		Wholesale Clothing.	United Bank Building.
2763	Mayer, Abe.	Seasongood & Mayer.	Wholesale Whisky.	37 W. Third st.
2143	Mayer, Charles.	Mayer, Scheuer, Offner & Co.	Real Estate.	S. W. cor. Third and Walnut sts.
2536	Mayer, Lewis.	Mayer, Son & Co.	Wholesale Whisky.	N. E. cor. Third and Vine.
2545	Mayer, S. C.	Mayer, Scheuer, Offner & Co.	Real Estate.	270 W. Fourth st.
2843	Mayer, Theodore.	Theodore Mayer & Co.	Real Estate.	N. E. cor. Third and Vine.
3292	Mayer, Theodore.		Real Estate Broker.	25 W. Third st.
3620	Mead, Josiah H.	with American Cotton Oil Co.	Railway Ticket Broker.	63 Smith Building.
2605	Mead, Sackett.	Metropolitan National Bank.	Clerk.	32 W. Third st.
3251	Meador, H. C.		Distiller.	50 W. Fourth st.
2144	Meaney, John.	The T. J. Megibben Co.	Distillers.	113 E. Sixth st.
2310	Means, William, <i>President.</i>		Brokers.	Lair, Ky.
2735	Megibben, James K.		Brokerage.	Cynthiana, Ky.
3436	Megibben, James W.		Lumber.	Cincinnati, O.
40	Megrue, Joseph R.		Real Estate.	14 Public Landing.
3510	Melhope, J. F.		Wholesale Whisky.	136 W. Seventh st.
3332	Mehmert, Frederick.	with H. W. Meier.	Wholesale Whisky.	McMicken ave., opp. Race st.
3267	Meier, Henry William.	Mellen, Brown & Co.	Wholesale Whisky.	McMicken ave., opp. Race st.
3681	Meier, Louis H.	Meinte & Co.	Wholesale Whisky.	85 W. Second st.
268	Mellen, W. S.	Meinte & Co.	Wholesale Whisky.	S. W. cor. Third and Vine sts.
2509	Menderson, Jacob.	Meinte & Co.	Wholesale Whisky.	49 Vine st.
3390	Meinte, Eugene W.	Meinte & Co.	Wholesale Whisky.	112 W. Court st.
484	Merrie, Hugh, <i>President.</i>	Meinte & Co.	Wholesale Whisky.	Walnut Hills, City.
1323	Metz, John.	Meinte & Co.	Wholesale Whisky.	92 W. Fourth st.
3634	Metzger, Phillip H.	C. C. C. & St. L. Ry. Co.	Wholesale Whisky.	82 W. Third st.
3580	Meyer, D. B.	R. A. W. Bruehl & Son.	Wholesale Whisky.	

66	Meyer, H. H.	The Roth-Meyer Packing Co.	Pork and Beef Packers.	74 Gest st.
347	Meyers, George F.	Meyers, Gibbs & Co.	Real Estate Brokers.	122 Walnut st.
1182	Michener, J. Hart	Michener Bros. & Co.	Pork Packers.	159 La Salle st., Chicago, Ill.
2259	Michie, William	Empire Line.	Jeweler.	178 W. Fourth st.
3625	Midlam, W. T.	Mihalovitch, Fletcher & Co.	Soliciting Agent.	92 W. Fourth st.
3285	Mihalovitch, B.	Mihalovitch, Fletcher & Co.	Wines and Liquors.	168-172 E. Pearl st.
3218	Mihlovitch, Morris	Mihalovitch, Fletcher & Co.	Wines and Liquors.	168-172 E. Pearl st.
3653	Millar, Cons. D.	with Commercial-Gazette.	Journalist.	Fourth and Race sts.
3659	Miller, Darius.	Queen & Crescent Route.	Traffic Manager.	St. Paul Building.
3224	Miller, E. E.	The Victoria Cordage Co.	Secretary and Treasurer.	49 W. Third st.
3126	Miller, Frank H.	Geo. C. Miller's Sons Carriage Co.	Salesman.	19-23 W. Seventh st.
3249	Miller, Frederick	F. Miller & Co.	Manufacturer Vinegar, Pickles, etc.	230 & 232 W. Pearl st.
1143	Miller, Griffin T.	H. H. Miller & Co.	Capitalist.	49 W. Third st.
308	Miller, H. H.	H. H. Miller & Co.	Produce Commission.	71 Walnut st.
3075	Miller, Isaac N.	Western Union Telegraph Co.	Superintendent.	N. W. cor. Fourth and Vine sts.
2729	Miller, Jeptha G., Jr.	Geo. C. Miller's Sons Carriage Co.	Secretary.	19-23 W. Seventh st.
3392	Miller, John H.	with Inland Oil Co.	Clerk.	59 Johnston Building.
944	Miller, Jos. W.	Inland Oil Co.	Oils and Car Grease.	Queen City Club.
869	Miller, R. T., Vice-President.	Inland Oil Co.	Produce Commission.	58 & 59 Johnston Building.
628	Miller, W. E.	H. H. Miller & Co.	Distiller and Real Estate Dealer.	71 Walnut st.
2490	Millikin, P. M., Chief Clerk.	Cincinnati Transfer Co.	Wholesale Grocers.	S. W. cor. Second and Vine sts.
517	*Mills, Joseph F.	Minor & Dixon.	Wholesale Grocers.	18 W. Fourth st.
272	Minor, James R.	The Robt. Mitchell Furniture Co.	Salesman.	70 & 72 Vine st.
779	Mitchell, Albert H., Treasurer.	with J. M. McCullough's Sons.	Iron Manufacturers.	107-113 W. Fourth st.
1170	Mitchell, Francis J.	Mitchell, Tranter & Co.	Wool, Curled Hair, etc.	134 & 136 Walnut st.
1073	Mitchell, Frank P.	P. R. Mitchell & Co.	Iron Manufacturers.	N. W. cor. Second & Elm sts.
1710	Mitchell, John.	Mitchell, Tranter & Co.	Capitalist.	N. W. cor. Second & Elm sts.
687	Mitchell, Pierson R.	The Robt. Mitchell Furniture Co.	Wholesale Grocers.	140 & 142 W. Pearl st.
873	Mitchell, Robt., President.	Mitchell, Tranter & Co.	Feed Store.	107-113 W. Fourth st.
1169	Mitchell, Walter J.	Moch, Berman & Co.	Real Estate.	N. W. cor. Second & Elm sts.
2911	Moch, Elias	The Moemke & Alf Co.	General Manager.	119 W. Third st.
2912	Moch, Moses E.	The Christian Moerlein Brewing Co.	Coal.	119 W. Third st.
1601	Moemke, Henry.	Moessinger, Fritch & Hugel.	Provision Broker.	6 & 8 E. Pearl st.
3638	Moerkedich, Louis.	Huntington & St. Louis Tow-boat Co.	Manager.	Harrison ave. & C. W. & B. R. R.
885	Moerlein, Christian, President.	A. Montgomery & Co.	Manufacturers of Leather.	711 Elm st.
1689	*Moerlein, George.	The Montgomery Coal Co.	Milling.	Foot of Mill st.
3492	Moessinger, Philip.	American Oak Leather Co.	Cotton.	141 Main st.
1270	Montgomery, Alex.	with The G. Y. Roots Co.		Lawrenceburg, Ind.
3454	Montgomery, George H.	Robert Moore & Co.		98 & 100 W. Second st.
1260	Montgomery, Robert.	Robert Moore & Co.		New York.
518	Montgomery, William.			
613	Mooney, James E., President.			
2976	Moore, Edward D.			
2674	Moore, Edward E.			
87	Moore, Robert.			

* Deceased.

MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	Business.	LOCATION.
3480	Moore, John B. C.	Moores' Lime Co.	Lime, Cement, Sewer-pipe, etc.	593 W. Fifth st.
3500	Moormann, Frank J.	Commercial-Gazette Co.	Attorney at Law.	N. E. cor. Fifth and Main sts.
1035	Morehead, H. B.	Advance Coal Co.	President.	N. E. cor. Fourth and Race sts.
2621	Moren, John	The Morgan & Dye Co.	Commission and Brokerage.	Pittsburgh, Pa.
1166	Morgan, George W.	White Line Central Transit Co.	Hay and Grain.	80 W. Front st.
3552	Morrill, Ralph S.		Agent.	Race and Water sts.
3643	Morris, Henry B.			N. W. cor. Fourth and Vine sts.
1085	Morris, William G.			
920	Morrison, James K.	James Morrison & Co.	Tobacco Dealer and Broker.	109 W. Front st.
114	Morrison, Thomas	James Morrison & Co.	Pork Packers.	Bank and Riddle sts.
113	Morrison, William P.	James Morrison & Co.	Pork Packers.	Bank and Riddle sts.
2454	Morse, Charles P.	New York, Lake Erie & Western R.R.	General Agent.	99 W. Fourth st.
3534	Morton, Edwin	with R. A. Pykims & Co.	Clerk.	581 W. Fifth st.
3261	*Morton, John R.	Big Four Grain Elevator.		Sixth and Harriet sts.
2891	Morton, William R.		Life Insurance.	504 Madison ave., Covington, Ky.
376	Mosher, Wm. W.			
2338	*Mosler, Julius	The Mosler Bank Safe Co.	Vice-President.	86-96 Elm st.
1813	Mosler, Max	Mosler Safe and Lock Co.	President.	86-96 Elm st.
2349	Mosler, Moses	Mosler Safe and Lock Co.	Secretary.	86-96 Elm st.
2351	Mosler, William		Steamboat Agent.	2 Public Landing.
1982	Mosset, A. J.		Coal.	Lockland, O.
1003	Mueller, John	Lutterbey & Muhlhäuser	Malsters.	63 Harrison ave.
3175	Muhlhäuser, Christian	{ The Windisch & Muhlhäuser } Brewing Co.	Cashier.	Plum and Liberty sts.
1544	Muhlhäuser, Edward C.	{ The Windisch & Muhlhäuser } Brewing Co.		Plum and Liberty sts.
1545	Muhlhäuser, Henry	{ The Windisch & Muhlhäuser } Brewing Co.		Plum and Liberty sts.
2941	Muhlhäuser, Henry, Jr.	{ The Windisch & Muhlhäuser } Brewing Co.		Plum and Liberty sts.
54	Mullape, A. J.	Cincinnati Union Stock Yards.	Secretary and Treasurer.	Plum and Liberty sts.
3400	Muller, C. G.	Copenhagen Electric Alarm Co.		Spring Grove ave.
3398	Mulvihill, Thomas J.	with Dawson Blackmore & Co.	Undertaker.	92 Sycamore st.
1719	Munce, James	Mund & Rabenstein	Millers.	222 Sycamore st.
2902	Mund, Louis	Allen & Munson	Commission, Flour and Grain.	38 & 40 Vine st.
283	Munson, George F.			178 Harrison ave.
2491	*Murdoch, James R.	J. G. Murdoch & Co.		6 Chamber of Commerce Bldg.
3123	Murdoch, John G.	Cincinnati Gymnasium	Plumbers	195 W. Fifth st.
2734	Murphy, Edwin W.	Editor Cincinnati Price Current.	Superintendent.	Grand Opera House.
2147	Murphy, John P.		Attorney at Law.	S. E. cor. Fifth and Walnut sts.
121	Murray, Charles B.		Supt. Chamber of Commerce.	170 Race st. & Chamber of Com.

3258	Murray, Oscar G., <i>Frd. Traffic Mgr.</i>	C. I. St. L. & C. Ry. Co.	Baker.....	Central Union Station. 87 & 89 Richmond st.
2750	Muth, Aug. E.	Charles F. Muth & Son.	Dealers in Honey.....	Freeman and Central aves.
2866	Myers, August J.	The Comet Tow-boat Co.	Attorney at Law.....	Covington, Ky.
2242	Myers, F. X.		Secretary and Treasurer.....	Foot of Harriet st.
2827	Myers, Harvey			
3550	Myers, William S.			
1154	Nagel, Henry		Flour and Feed Mill.....	82 McLean ave.
1883	Nathan, A.		Retired Merchant.....	151 W. Fourth st.
3272	Nathan, Jacob		Capitalist.....	367 W. Fourth st.
2376	Naughten, Charles A.		Book-keeper.....	Hamilton, O.
3442	Neare, Clarence J.	{ with Macneale & Urban Safe }	Insurance.....	4 Public Landing.
196	Neare, George W.	{ and Lock Co. }	Insurance.....	4 Public Landing.
2838	Neff, Clifford Gordon	Geo. W. Neare & Co.	Insurance.....	21 W. Third st.
118	Neff, J. M. W., <i>President</i>	Arctic Ice Machine Mfg. Co.		24 Pike's Building.
139	*Neff, William Clifford			
2983	Neilson, Charles, <i>Gen'l Sup't.</i>	C. H. & D. R. Co.		C. H. & D. Depot, 6th & Hoadly.
1109	Netter, Gabriel			
1292	Newton, Francis M.	Reinhart & Newton.	Commission, Grain.....	15 Walnut st.
2435	Newton, George G.	Eggleston Warehouse Co.	Wholesale Confectioners.....	84 W. Second st.
1765	Nichols, Geo. B.		Manager.....	21 & 23 W. Canal st.
3652	Nichols, Justus J.		Steamboating.....	Hopkinsville, O.
2545	Nicolay, Henry	Butchers' Melt'ng Association	Superintendent.....	Central ave. and Findlay st.
3456	Nixon, Willard D.	with R. G. Dun & Co.	Assistant Manager.....	N. W. cor. Third and Vine sts.
3615	Noonan, John J.	Ollmer & Noonan.	Prop'rs "Wood-dale Island Park"	Depot, Fifth and Hoadly sts.
1131	Nordmeyer, Andrew	A. Nordmeyer & Co.	Commission.....	63 & 65 Pike st., Covington, Ky.
3562	Nowlin, Lewis M.	F. J. Nowlin & Son.	Hay and Grain.....	Lawrenceburg, Ind.
3606	Noyes, Joseph C.	J. A. Fay & Co.	Mfrs. of Wood-working Machinery	John and Front sts.
298	Nuezel, George	George Nuezel & Co.	Wholesale Flour Dealers.....	108 E. Pearl st.
2243	Obernayer, S.	Obernayer Foundry Supply Mfg. Co.	President.....	Evans st., south of Eighth.
1709	O'Brien, W. L.	P. C. & St. L. Ry. Co.	General Agent.....	82 W. Fourth st.
247	O'Connell, John G.		Office, Corporation Counsel.....	City Buildings.
2437	*Odiorne, Thomas G.			
3469	Oester, Nicholas	N. Oester.	Distiller.....	Lawrenceburg, Ind.
3189	Offner, Alexander	Mayer, Schener, Offner & Co.	Wholesale Clothing.....	N. E. cor. Third and Vine sts.
2322	O'Kane, James, <i>Gen'l Sup't.</i>	Cincinnati Ice Co.		Hunt and Sycamore sts.
1974	Olmstead, H. B.	Franklin Bank.	Cashier.....	14 W. Third st.
3104	Olmstead, H. B., <i>Cashier</i>	Franklin Bank.		14 W. Third st.
3529	O'Neill, W. D.	O'Neill & Co.	Coal.....	Pittsburgh, Pa.
3535	O'Neill, William W.	W. W. O'Neill Coal Co.	Coal.....	Pittsburgh, Pa.
3391	O'Neill, W. W., Jr.	W. W. O'Neill Coal Co.	Coal.....	Pittsburgh, Pa.
3106	O'Neill, James		Provision Inspector.....	3 College Building.

* Deceased.

MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
3336	Orr, John E.	C. I. St. L. & C. Ry. Co.	Roofing and Paving	Covington, Ky.
611	Osborn, E. F., <i>Treasurer.</i>	S. J. Osborn, Jr. & Co.	Distillers	Pearl and Central ave.
2711	O'Shaughnessy, P.	Oskamp, William S. P.	Jewelers	Eggleston ave. and Pearl st.
3368	Osterfeld, August	The Ruttle-Schickman Packing Co.		3 Pike's Building.
2672	Osterholt, John L.	John C. Otis & Co.	Pork and Beef Packers	S. W. cor. Fifth and Vine sts.
3698	Otis, John C.	The Foss-Schneider Brewing Co.	Druggists	Fairmount, City.
1347	Overbeck, Frank	Dawson & Overbeck	Attorneys at Law	Covington, Ky.
1790	Overbeck, William J.	Owen Bros.	President	Sixth and Vine sts.
2699	Owen, B. M.	Owen Bros.	Bakers and Confectioners	289-297 Freeman ave.
1888	Owen, Frank	Owen Bros.	Bakers and Confectioners	N. E. cor. Fourth and Vine sts.
1889	Owen, Frank	Owen Bros.	Bakers and Confectioners	344 W. Court st.
1889	Owen, Frank	Owen Bros.	Bakers and Confectioners	344 W. Court st.
.....	Page, Charles E., <i>Manager.</i>	Western Union Telegraph Co.	Traffic Manager	Fourth and Vine sts.
1082	Page, Henry J.	E. J. & E. R.	Miller	Chicago, Ill.
3075	Palmer, Charles B.	The House & Palmer Co.	Millers	Middletown, O.
440	Palmer, G. G.	Chesapeake & Ohio Railway Co.	Soliciting Freight Agent	Lockland, O.
1484	Pape, A. H.	Southern Building and Loan Assoc.	Coal Dealers	S. W. cor. Fifth and Walnut sts.
3339	Paramore, Edward H.	E. W. Parker & Co.	President	27 W. Fourth st.
1955	Parker, E. W.	Consolidated Boat Store Co.	Coal Dealers	8 W. Front st.
836	Parker, James D., <i>President.</i>	C. P. B. S. & P. Packet Co.	President	11 & 12 Public Landing.
3504	Parker, James D.	{ Cincinnati Ice Manufacturing } { and Cold Storage Co. }	Wharf-boat, foot of Broadway.	Wharf-boat, foot of Broadway.
1673	Parker, Luther	E. W. Parker & Co.	Coal Dealers	Court st., east of Broadway.
1956	Parker, Nathan		Steamboat Captain	8 W. Front st.
2244	Parker, Samuel		Public Weigher	8 W. Front st.
1969	Parker, Samuel E.	Cincinnati Price Current	Journalist	Southern R. R. Depot, McLean av.
1405	Partridge, Charles A.	with Rogers, Brown & Co.	Pig Iron Commission	170 Race st.
1896	Partridge, Wm. T.	Robertshaw Brass Foundry Co.	President and Treasurer	United Bank Building.
2148	Parvin, Geo. H.	Patterson & Evans	General Commission	227 W. Third st.
45	Patterson, H. B.	Marion County Distillery Co.	Coal	44 Vine st.
3502	Patterson, S. J.	American Toilet Supply Co.	Distiller	Dayton, O.
3514	Patterson, William, Jr.	Union Central Life Insurance Co.		Louisville, Ky.
97	Patterson, W. M.	with James Morrison & Co.		62 Longworth st.
508	Pattison, E. M.	Paxton & Warrington	Live Stock Broker	Fourth and Central ave.
2433	Pattison, John M., <i>Vice-Pres't.</i>		Book-keeper	Shiner's Stock Yards.
2942	Pattison, David		Attorneys at Law	Bank and Riddle sts.
115	Paul, John W.		Vice-President	United Bank Building.
3137	Paxton, Thomas B.			Central Union Station.
3382	Payne, P. E.			
1548	Peabody, W. W.	B. & O. Southwestern R. R.		
1367	Peachey, Henry, <i>Vice-President.</i>	Nat. Lafayette & Bank of Commerce.		

1060	Pearce, Thomas C.	Henry Pearce's Sons	Mrs. Cotton Yarn, Twine, etc.	114 W. Second st.
1332	*Pearce, Henry	Henry Pearce's Sons	Mrs. Cotton Yarn, Twine, etc.	114 W. Second st.
1063	Pearce, Henry, Jr.	Pearce Brothers Milling Co.	Clerk, Hamilton County	Maysville, Ky.
2903	Pearce, John C.	Peck & Shaffer	Attorneys at Law	Court House.
2926	Peaslee, John B.	Northern Bank of Kentucky	Vice-President	Smith Building.
3160	Peck, Hiram D.	F. Pedretti & Sons	Decorators	Covington, Ky.
583	Peck, Hiram Harper	Joseph R. Peebles' Sons Co.	Grocers and Wine Merchants	S. E. cor. Ninth and Main sts.
3239	Pedretti, Charles A.	Grove J. Penney & Co.	Capitalist	73 W. Fourth st.
2624	Peebles, Joseph S.	The U. S. Bung Mfg. Co.	Commission and Grain Dealers	227 Main st.
396	Pendleton, Elliott H.	Penman Perin & Sons	General Manager	644-652 W. Sixth st.
153	Penney, Grove J.	Lyman Perin & Sons		Evans st., near Eighth.
3433	Pentruze, Frederick	Lyman Perin & Sons	Flour	3 Masonic Temple.
2436	Percival, F. C.	Consolidated Distilling Co.	Flour	40 Walnut st.
1043	Perin, Frank L.	P. C. & St. L. Ry. Co.	Superintendent	40 Walnut st.
2578	Perin, Lyman	Winifrede Coal Co.	Insurance	Sixth st. and Millcreek.
3064	Perin, Lyman, Jr.	Pettibone Manufacturing Co.		
1918	Perin, Oliver L.	Butchers' Hide Association		
814	*Perkins, John J.	Phirrmann & Herzog	Distiller	21 W. Third st.
2152	Perkins, John S.	Phillips, John O.	Superintendent	L. M. R. R. Depot.
1413	Peters, Ralph, Superintendent	C. G. Phister	Wholesale Liquors	261 Findlay st.
3021	Peters, William	West Shore & Hoosac Tunnel Lines.		4 E. Fourth st.
3680	Peterson, Walter	Jason Evans Estate	Agent	268-274 Main st.
3565	Pettibone, James	The G. Y. Roots Co.	Manufacturers of Flour	709 Colerain ave.
3059	Pfeffer, John F.	with Herman Lackman Brewing Co.	Clerk	42 Poplar st.
1922	Phiermann, Andrew	C. P. B. S. & P. Packet Co.	Steamboat Clerk	34 Vine st.
1874	*Phillips, John O.	The H. & S. Pogue Co.	Insurance	Boston, Mass.
276	Phillips, George	Pogue, Pottinger & Pogue	Dry Goods	103 & 105 E. Pearl st.
1001	Phister, George	National Insurance Co.	Attorneys at Law	161 Walnut st.
3299	Filcher, H. E.	Block & Pollak	Cashier	23 E. Ninth st.
727	Pine, William	C. M. & St. P. Ry.	Retired Merchant	11 Chamber of Commerce Bldg.
834	Piper, Harry P.	Eagle Insurance Co.	Iron and Metals	525 W. Sixth st.
2149	Plander, J. H.	The Pounsford Stationery Co.	Commercial Agent	Big Sandy Wharf-boat.
3383	Poage, Alexander	J. W. Biles & Co.	Secretary	108-114 W. Fourth st.
3585	Poage, Robert B.		Stationers and Printers	7 W. Fourth st.
3596	Pogue, Henry		Liquor Dealers	United Bank Building.
3558	Pogue, John F.			69 W. Third st.
2981	Pohman, G. W.			274 Sycamore st.
3088	Poland, Lawrence			64 W. Third st.
435	Poland, Patrick			17 Sinton Building.
2547	Pollak, Emil			162 Walnut st.
3069	Porter, C. H.			United Bank Building.
165	Porter, John H.			73 W. Third st.
174	Post, Samuel P.			3 W. Fourth st.
1498	Pounsford, A. H.			53 & 55 Sycamore st.
3694	Poyntz, Charles B.			

* Deceased.

MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	Business.	LOCATION.
1579	Pratt, Julius H.	Strauss, Pritz & Co.	Commission	322 Produce Exchange, N. Y.
760	Pritz, Benjamin	Elsas & Pritz	Distillers and Liquor Dealers.	32 & 34 Main st.
3662	Pritz, Samuel	with Strauss, Pritz & Co.	Hops and Barley	13 & 15 E. Canal st.
3670	Pritz, Sidney E.	Strauss, Pritz & Co.	Distillers and Liquor Dealers.	32 & 34 Main st.
530	Pritz, Solomon W.	Procter & Gamble	Distillers and Liquor Dealers.	32 & 34 Main st.
759	Procter, Harley T.	Procter & Gamble	Soap, Candles and Oils.	United Bank Building.
528	Procter, William A.	Procter & Gamble	Soap, Candles and Oils.	United Bank Building.
2488	Procter, Wm. Cooper	Procter & Gamble	Soap, Candles and Oils.	United Bank Building.
1637	Pugh, A. H.	A. H. Pugh Printing Co.	Printers and Blank Book Mfrs.	126½ Walnut st.
3252	Pullan, Richard B., Jr.	Hall Safe and Lock Co.	Attorney at Law.	227 Main st.
769	Pullen, Richard T.	Hall Safe and Lock Co.	Safe and Lock Manufacturers.	183 & 185 W. Pearl st.
259	Putnam, B. W.	Putnam, Hooker & Co.	Dry Goods, Commission	52 & 54 W. Second st.
2448	Pyle, Theodore W.	Putnam, Hooker & Co.	Fire Insurance Agent.	13 W. Third st.
482	Ramp, Samuel W.	Market National Bank	Cashier.	N. W. cor. Fourth & Plum sts.
3440	Ramsey, Joseph, Jr.	C. C. C. & St. L. Ry.	Assistant to President.	Big Four Office Building.
1995	Rankin, Charles F.	Piqua Malt Co.	President.	Piqua, O.
2658	Ranshaw, Henry	The Stacey Manufacturing Co.	Gas Works Builders.	39 Mill st.
3619	Rasche, Anthony	Rasche Bros.	Tanners.	E. side of Plum, opp. Bank st.
2562	Rattermann, Frank	Germania Insurance Co.	County Treasurer's Office.	Court House.
2938	Rauh, Frederick, <i>President</i>	Frederick Rauh & Co.	Insurance	27 W. Third st.
3276	Rauh, Louis L.	Frederick Rauh & Co.	Pork Packers.	27 W. Third st.
2248	Raum, John	John Raum & Co.	Pork Packers.	54 & 56 E. Pearl st.
999	Rawson, Edward	J. Rawson & Sons.	Pork Packers.	310 Sycamore st.
1687	*Rawson, Joseph	J. Rawson & Sons.	Pork Packers.	310 Sycamore st.
1000	Rawson, Joseph, Jr.	J. Rawson & Sons.	Pork Packers.	310 Sycamore st.
1476	Rawson, Warren	J. Rawson & Sons.	Pork Packers.	S. E. cor. Fourth and Vine sts.
.....	Rechtin, John, <i>Freight Agent</i>	C. W. & B. R. R. Co.	Agent.	Mitchell Building.
2937	Redway, A. J.	Lackawanna Fast Freight Line.	Live Stock.	S. W. cor. Fourth and Vine sts.
2752	Reece, M. M.	Reed Bros. & Co.	Transfer.	Lexington, Ky.
1996	Reed, Henry S.	with W. W. Johnson & Co.	Teamsters.	18 Sycamore st.
626	Reeder, N. S.	Chris. Reichel & Co.	Cigars.	Mobile, Ala.
1016	Rees, Samuel D.	The Bensinger Co.	Bankers.	4 Public Landing.
235	Regan, John	with Seasongood & Mayer.	Cigars and Tobacco.	109 Water st.
2250	Reichel, Chris.	The Phoenix Cigar Manufacturing Co.	Manager.	Coll'g. Hill, O.
2249	Reid, James E.	Cincinnati Times-Star Co.	Business Manager.	256 Vine st.
215	Reis, Abraham	John H. Remmers & Co.	Pork and Beef Packers.	66 W. Third st.
213	Reis, Julius			Burnet House.
214	Reis, Samuel			227 Hackberry st., Walnut Hill.
312	Reis, Isaac			230 Walnut st.
3035	Rembold, C. H.			286 & 288 Harrison ave.
3526	Remmers, John H.			

465	Renner, George	G. & P. Renner	Maltsters	165 Colerain ave.
466	Renner, Peter	Western Insurance Co.	President	82 W. Third st.
204	Reno, F. X.	Citizens' Insurance Co.		82 W. Third st.
2680	Reno, F. X., President	William Resor & Co.	Manufacturers Slaves and Ranges	State ave., north of (test st.
3147	Resor, William, Jr.		Artist	College Building.
2524	Rettig, John	Stone Lake Ice Co.	Treasurer	946 Central ave.
1400	Reynolds, Frank, Treasurer	Stone Lake Ice Co.		946 Central ave.
3243	Reynolds, S. G.	S. F. & W. Ry. Co.	Freight and Passenger Agent	42½ W. Fourth st.
3422	Rheinstrom, Abram	Rheinstrom Bros.	Wholesale Liquors	56-62 E. Third st.
1576	Rheinstrom, Isaac	Rheinstrom Bros.	Wholesale Liquors	56-62 E. Third st.
1377	Rhinock, Joseph L.		Gauger and Inspector of Liquors	71 Walnut st.
3199	Rhodes, J. H.			Mitchell Building.
203	Rhodes, Thomas D.			
3403	Rhodes, Thomas D.			
1111	Rice, Charles		Broker	78 W. Third st.
3087	Rice, Charles F.		Grain	Pleasant Plain, Warren Co., O.
2881	Rice, Ike M.			
1764	Richards, Chas. A.	Haldeman Paper Co.	Clerk	185 Fifth ave., Chicago, Ill.
672	Richardson, J. C.	Consolidated Tank Line Co.	President	Lockland, Ohio.
3528	Richey, Robert W.		General Manager	31 W. Pearl st.
2862	Riegel, Francis M.			
861	Rieker, William	Wm. Rieker & Co.	Flour and Feed	Ninth and Broadway.
2001	Riley, T. Z.			Avondale, City.
3372	Ritchie, Edwards		Attorney at Law	44 Wiggins Block.
201	Roach, P. E.			275 W. Eighth st.
1665	Robb, J. M. D., Manager	Fairbanks, Morse & Co.	Scales, Trucks, etc.	125 Walnut st.
3257	Roberts, Edward	E. Roberts & Co.	Lumber	106 E. Court st.
2886	Robinson, C. M.	Lynch & Robinson	Coal	Pittsburgh, Pa.
3248	Robinson, James M.	J. M. Robinson & Co.	Manufacturers of Machinery	Second and Central ave.
1140	Robinson, John A.		Coal and Towboating	Avondale, City.
3006	Robinson, Lison C.	with Fleischmann & Co.	Superintendent Yeast Department	169 Plum st.
176	Robinson, R. H.			Hotel Emery.
2762	Robinson, William		City Weigher	Public Landing.
2358	Robinson, Wm. L.		Lumber	McLean ave. and Liberty st.
1814	Robson, Charles		Capitalist	40 Smith Building.
678	Robson, George W., Jr.	G. W. Robson, Jr. & Co.	D stillers	15 Sycamore st.
2479	Robson, Richard S.	Lindsay & Robson	Millers	Humboldt, Kansas.
2690	Rodgers, William B.	Tide Coal Co.		Pittsburgh, Pa.
3524	Roe, Geo. Mortimer	Cincinnati Times-Star	Associate Editor	230 Walnut st.
2252	*Rogers, J. H.			
380	Rogers, W. C.	Worner Rogers Manufacturing Co.	Foot and Shoe Manufacturers	14 & 16 Fulton ave.
1408	Rohrer, David		Distiller	Germantown, O.
777	Root, George A.	Whitcomb & Root	(Grain and Produce, Commission	116 Court st.
3611	Root, W. W.	Elkhart Fast Freight Line	General Agent	Fifth and Walnut st.
2459	Rost, John	with S. Davis, Jr. & Co.	Superintendent	303-313 Broadway.

* Deceased.

MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
2753	Rotert, Henry.....	H. Rotert & Co.....	Feed Store.....	Poplar st. and Western ave.
3577	Rotert, Henry, Jr.....	H. Rotert & Co.....	Feed Store.....	Poplar st. and Western ave.
2028	Roth, E. N.....	.....	St. Nicholas Hotel.....	Fourth and Race sts.
65	Roth, John C.....	The Roth-Meyer Packing Co.....	Pork and Beef Packers.....	74 Gest st.
3589	Roth, Joseph L.....	The Roth-Meyer Packing Co.....	Pork and Beef Packers.....	74 Gest st.
3072	Rothier, Charles C.....	C. C. Rothier & Co.....	Fire Insurance.....	7 W. Third st.
3114	Rothier, F. A., Secretary.....	Eureka Fire & Marine Insurance Co.....	.....	23 W. Third st.
133	Rouse, George L. Jr.....	.....	General Commission.....	Wichita, Kansas.
2949	Rover, August.....	A. Rover & Co.....	Real Estate.....	204 W. Sixth st.
2655	Rover, B. H.....	B. H. Rover & Co.....	Commission.....	449 W. Liberty st.
187	Rover, George H.....	Geo. H. Rover & Co.....	Clerk.....	578 W. Sixth st.
798	Rowe, Casper H.....	with Fleischmann & Co.....	.....	Plum and Perry sts.
375	Rowland, Chas. W.....	.....	.....	Observatory ave., Mt. Lookout.
724	Royce, Thomas S.....	J. J. Rucker & Co.....	General Merchandise.....	225 Dayton st.
3544	Rucker, John J.....	Chas. Ruehrwein & Co.....	Commission, Flour and Produce.....	Hebron, Ky.
1276	Ruehrwein, Chas.....	J. K. Rugg & Co.....	Consulting Engineers.....	176 W. Court st.
3136	Rugg, Joseph K.....	(De La Vergne Refrigerating Ma- chine Co., of New York.....)	Ag't.....	23 Chamber of Commerce Bldg.
3471	Ruhrmann, Otto.....	Western Insurance Co.....	.....	5 & 7 Corwine st.
499	Runk, Chas. F., Secretary.....	Runk & Co.....	Fire and Marine Insurance.....	82 W. Third st.
1700	Runk, Lewis F.....	.....	Fire Insurance Agents.....	7 Masonic Temple.
.....	Runkle, William H.....	.....	Drugs and Chemicals.....	65 Walnut st.
2980	Rupp, George.....	George Rupp & Co.....	Pork Packers.....	Hamilton, O.
3205	Russell, A. O.....	The United States Printing Co.....	President and Treasurer.....	Eggleston ave., near Sixth st.
3691	Ryan, Charles B.....	Chesapeake & Ohio Ry.....	Division Passenger Agent.....	Central Union Depo'.
224	Ryan, Matthew.....	Ryan Bros.....	Pork Packers.....	Spring Grove ave.
225	Ryan, Michael.....	Ryan Bros.....	Pork Packers.....	Spring Grove ave.
227	Ryan, Richard.....	Ryan, Richard.....	Pork Packers.....	Spring Grove ave.
1148	Ryan, R. X., Contracting Agent.....	C. N. O. & T. P. Ry. Co.....	Surveyor.....	St. Paul Building.
3496	Ryan, William F.....	with Enterprise Insurance Co.....	Stationers and Printers.....	82 W. Third st.
3655	Ryder, Thomas W. E.....	Woodrow, Baldwin & Co.....	.....	141 Walnut st.
1624	Sadler, J. F.....	J. F. Sadler & Co.....	Live Stock Brokers.....	New York City.
753	Sadler, L. L.....	J. F. Sadler & Co.....	Live Stock Brokers.....	Cincinnati Union Stock Yards.
2253	Sampson, Wm. S., Jr.....	.....	.....	P. O. Box 299.
1070	Sander, Adolph.....	A. Sander & Co.....	Pork and Beef Packers.....	19 Oehler st.
818	Sandheger, Christ.....	.....	Wines and Liquors.....	21-27 W. Court st.
3345	Sargent, Edward.....	.....	.....	76 W. Third st.
2392	Sargent, S. A.....	with J. Rawson & Son.....	Live Stock Agent.....	310 Sycamore st.
2907	Sargent, Thomas W.....	.....	Coal.....	Aurora, Ind.
3194	Saxby, Howard.....	.....	.....	.....
3296	Sayers, E. B.....	Hartford Life Insurance Co.....	General Agent.....	92 W. Fourth st.

2155	Saylor, Nelson.....	Saylor & Saylor.....	Attorneys at Law.....	58 W. Third st.
323	Scarlett, Joseph A.....	R. G. Dun & Co.....	Merchandise Agency.....	N. W. cor. Third and Vine sts.
364	Schell, John B.....	McIlvain & Spiegel Boiler & Tank Co.	Secretary.....	S. W. cor. Pearl & Lawrence sts.
2320	Schell, Albert W.....	H. C. Schell & Son.....	Fire Insurance.....	13 W. Third st.
1036	Schepers, William.....		Commission.....	775 W. Sixth st.
3654	Scherer, John.....	Mayer, Scheuer, Offner & Co.....	Public Weigher.....	Harrison ave. & C. H. & D. R. R.
2158	Schneider, Jacob.....	with John H. Rendigs.....	Wholesale Clothing.....	N. E. cor. Third and Vine sts.
2006	Schickner, William G.....	C. N. O. & T. P. Ry. Co.....	Druggist.....	Woodward and Pendleton sts.
2642	Schiff, Charles.....	Ruttell-Schlickman Packing Co.....		St. Paul Building.
79	Schlickman, W.....	Schlusser & Co.....	Pork and Beef Packers.....	Covington, Ky.
1444	Schmidt, Henry.....	The Live Oak Distillery Co.....	Maltsters.....	Hamilton, Ohio.
715	Schmidt, Charles.....		Distillers and Liquor Dealers.....	95 Sycamore st.
716	Schmidt, Charles W.....	The Sum. W. Weidler Co.....	Treasurer.....	Middle road, Clifton Heights, City
1785	Schmidt, Frederick.....	Schmidt & Bro.....	Brewers.....	92 & 94 Carr st.
288	Schmidt, Frederick A.....		Real Estate Agents.....	45-49 McMicken ave.
1786	Schmidt, Henry.....		Millers and Bakers.....	34 W. Fourth st.
2987	Schmidt, William, Jr.....	Schmidt & Weber.....		363 Main st.
548	Schmitt, Anthony.....	A. Schmitt & Co.....	Real Estate Brokers.....	586 W. Sixth st.
840	Schmitt, Emile, <i>Vice-President</i>	The John Kauffman Brewing Co.....	Flour and Commission.....	604 Vine st.
1849	Schneider, George C.....	John Schneider, Son & Co.....		524 & 526 Walnut st.
1157	Schneider, John.....	The Foss-Schneider Brewing Co.....	Vice-President.....	289-297 Freeman ave.
1897	Schneider, Peter W.....	with Jacob Vogel & Son.....	Live Stock Buyer.....	240-252 Colerain ave.
3206	Schneider, Theodor.....		Commission.....	28 Laurel st.
792	Schonebaum, Henry.....	George Schrauder's Sons.....	Pork and Beef Packers.....	S. W. cor. Elder and Logan sts.
2046	Schrauder, Andrew.....	George Schrauder's Sons.....	Pork and Beef Packers.....	S. W. cor. Elder and Logan sts.
1768	Schrauder, John.....	Schriewer & Nadaud.....	Flour, Grain and Mill Feed.....	36 W. Fourth st.
3630	Schriewer, John.....	R. A. W. Bruehl & Son.....	Insurance.....	82 W. Third st.
3177	Schroetter, H. A.....	J. & F. Schroth Packing Co.....	Pork and Beef Packers.....	Camp Washington, City.
80	Schroth, Fred.....		Contractor and Builder.....	11 & 13 Home st.
3045	Schuerth, William, Jr.....	H. Dietz & Co.....	Pork Packers.....	271 & 273 Sycamore st.
1009	Schuetz, Louis C.....	The National Starch Mfg. Co.....		12 & 14 W. Second st.
2530	Schuler, Frank.....	Eureka Insurance Co.....	Surveyor.....	23 W. Third st.
1871	Schulte, B. C.....		Real Estate Broker.....	448 Main st.
3482	Schulte, Henry J.....	J. Walker Brewing Co.....	Soap and Candles.....	385 Sycamore st.
1333	Schultz, Conrad.....	M. Werk & Co.....	Gunpowder Mfrs. (Gen'l Agent).....	11 Main st.
966	Schwartz, Michael.....	E. I. DuPont de Nemours Co.....		S. E. cor. Second and Race sts.
2640	Schwarz, George W.....		Malt and Brewers' Supplies.....	184 McMicken ave.
1454	Schwegman, F.....	Albert Schwill & Co.....	Malt and Brewers' Supplies.....	102 & 104 Main st.
697	Schwill, Albert.....	F. A. Schwill & Son.....	Fire Insurance.....	32 W. Third st.
1427	Schwill, F. A.....		Bankers.....	66 W. Third st.
1259	Sears, J. M.....	Seasongood & Mayer.....	Woolens and Clothing.....	S. W. cor. Third and Vine sts.
899	Seasongood, Adolph J.....	Seasongood, Menderson & Co.....	Public Weigher.....	N. W. cor. Third and Vine sts.
2005	Seasongood, Alfred.....			Foot of Lawrence st.
898	Seasongood, Lewis.....			
.....	Secrist, R. E.....			

* Deceased.

MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
1713	Seinsheimer, Joseph.	Freiberg, Klein & Co.	Liquors	Galveston, Texas.
937	Senior, Edward.	A. Senior & Son.	Whisky	105 & 107 Sycamore st.
3198	Senior, Max.	Covington Harbor Co.	Superintendent	Covington, Ky.
3608	Serena, David B.	J. A. Severett & Co.	Coal and Feed.	Madisonville, O.
3614	Settle, William H.	Sextro Furniture Co.	Pork Packers.	40 W. Front st.
881	Severett, John Albert.	Louis H. Shafer & Co.	President.	60 Riddle st.
3347	Shafer, Joseph G.	Peck & Shafer.	Commission, Flour and Grain	69 Walnut st.
719	Shafer, Louis.		Attorneys at Law	Smith Building.
2254	Shafer, Frank H.			Hamilton, O.
144	Shaffer, William		Belting and Hose	59 & 61 Walnut st.
2156	Sharp, Joseph		Attorney at Law	32 & 33 Johnston Building.
3390	Shattuck, A. C.		Provision Agent	49 Walnut st.
3383	Shaw, George A.			103 & 105 E. Pearl st.
1041	Shaw, Samuel		Steamboat Agent.	Wharboat, Foot of Main st.
....	Shearer, John	Corre & Shears	Proprietors Grand Hotel.	S. W. cor. Fourth & Central ave.
2765	Shears, D. C.	C. P. B. S. & P. Packet Co.	General Freight and Passenger Agent	Big Sandy Wharboat.
3162	Shedd, D. W.	Hartley & Shepherd	Malt and Grain	Middletown, O.
1383	Shepherd, Anthony	Enterprise Fire and Marine Ins. Co.		82 W. Third st.
3214	Sherlock, John C., <i>Secretary</i>			Clifton, City.
468	Sherlock, Thomas		Broker.	97 Main st.
3374	Shields, Joseph		Whisky Broker.	7 W. Third st.
3307	Shields, William H.	The John Shillito Co.	Wholesale and Retail Dry Goods.	Race, Seventh and George sts.
789	Shillito, Gordon	C. H. & D. R. R. Co.	Wholesale and Retail Dry Goods.	S. W. cor. Fourth and Vine sts.
3185	Shillito, John S., <i>Conf'g Agent</i>	The John Shillito Co.		Race, Seventh and George sts.
790	Shillito, Stewart	Covington & Cincinnati Bridge Co.		Covington, Ky.
1115	Shinkle, Amos, <i>President</i>			S. E. cor. Front and Vine sts.
1192	*Shinkle, A. P.	The Shinkle, Wilson & Kreis Co.	Wholesale Grocers.	S. W. cor. Fourth and Vine sts.
1183	Shinkle, Bradford	Southern Pacific Co.	Contracting Freight Agent.	Covington, Ky.
3375	Shinkle, C. V.		Steamboat Captain	201 Scott st., Covington, Ky.
1191	Shinkle, O. F.		Coal	61 W. Third st.
1907	Shinkle, Uriah	Commercial Insurance Co.	Secretary	12 Carlisle Building.
3380	Shipley, Edward E.			Clifton, City.
1463	Shoemaker, E. M.		Manufacturers of Clothing	126 Vine st.
3246	Shoemaker, M. M.		Capitalist.	68 Johnston Building.
1322	*Shoenberger, Geo. K.		Salesman	581 W. Fifth st.
738	Shoenberger, W. H.	Rindskopf, Stern, Lauer & Co.	Secretary and Treasurer	200 W. Fourth st.
3461	Shohl, Charles	with Robert A. Dykins & Co.	Wholesale and Retail Grocers.	102 E. Pearl st.
551	Short, Charles W.	C. H. & D. R. R. Co.	President.	Covington, Ky.
2668	Short, David	Short & Mundell	Coal Agent	N. W. cor. Front and Broadway.
500	Short, F. H.	Covington City National Bank		
1100	Short, George M.			
2077	Shutt, J. D.			
1467	Shutterly, W. S.			

1481	Sibley, James H.	J. W. Sibley & Co.	Real Estate.	13 W. Fourth st.
654	Sibley, James W.		Grain and Pork Products.	40 Walnut st.
3314	Sicking, J. B.		Feed Store.	93 Hunt st.
1782	Silvers, James H.		Leaf Tobacco.	31 Vine st.
2840	Silverman, Joseph.	Joseph Silverman & Co.	Wholesale Liquors.	69 & 71 Main st.
3651	Simmons, William M.	Simmons & Norris.	Commission.	15 Walnut st.
636	Simon, Israel M.	I. M. Simon & Co.	Bankers and Brokers.	52 W. Third st.
459	Simonton, L.	John Simonton & Son.	Grain Dealers.	Lebanon, O.
3384	Simpson, F. H.	R. Simpson & Sons.	Life Insurance.	182 W. Fourth st.
1345	Simpson, Robert.	R. Simpson & Sons.	Life Insurance.	182 W. Fourth st.
2576	Simpson, William T.	Wm. T. Simpson & Co.	Mfrs. of Galvanized Sheet Iron.	298 E. Pearl st.
2331	Sindinger, Jacob F.		Real Estate Broker.	5 W. Fourth st.
3369	Siter, Harry E.		Architect.	United Bank Building.
3426	Skiff, H. G.		Deputy City Auditor.	City Buildings.
3308	Skinner, Robert T.	Skinner & Loudon.	Canned Goods.	Court and Sycamore sts.
791	Skinner, Samuel W.	Blymyer Ice Machine Co.		Eighth st. and McLean ave.
1431	*Slaue, Jackson	with S. Davis, Jr. & Co.	Book-keeper.	303 Broadway.
706	Slmer, George	Slmer & Dater.	Pork Packers.	Vine st. and Clifton ave.
2260	Slmer, George, Jr.		Live Stock Commission.	Slmer's Stock Yards.
3582	Smedberg, Charles G.	Smedberg & Gillham.	Coal.	Covington, Ky.
673	Smith, Albert E.	A. E. Smith & Co.	Grain Commission.	13 Chamber of Commerce Bldg.
536	Smith, Amor, Jr.	The Marmet Co.	Surveyor of Customs.	T. S. Custom House.
3183	Smith, Austin M.	Allison & Smith.	Type Foundry.	Central ave. and Water st.
2429	Smith, Charles H.		Book-keeper.	168 Vine st.
3379	Smith, Edwin F.		Manufacturing Confectioners.	N. W. cor. Fourth and Vine sts.
2821	Smith, Fred. A.	H. D. Smith & Co.	Weighter.	36 & 38 Main st.
2261	*Smith, George A.			553 Freeman ave.
2383	Smith, George H.	McClintick & Smith.	Coal Shippers.	Chillicothe, Ohio.
2830	Smith, Henry W.	Henry W. Smith & Co.	Whisky.	240 W. Fourth st.
1139	Smith, Henry W., Sec'y & Treas.	The Aurora Distilling Co.	Whisky.	240 W. Fourth st.
1302	Smith, J. A. J.	Smith & Co.	Coal.	Walnut and Water sts.
1509	Smith, James H.	James H. Smith & Co.	Fruits and Produce, Commission.	192 W. Sixth st.
815	Smith, Jerome H.	Cincinnati Baking Co.	Manufacturers Crackers & Biscuits.	126 & 128 W. Second st.
535	Smith, Leander.	Amor Smith & Co.	Manufacturers of Fertilizers.	John and Poplar sts.
3254	Smith, Martin V.	Missouri, Kansas and Texas R'y Co.	Contracting Agent.	185 Walnut st.
2263	Smith, Orland.	Baltimore & Ohio R. Co.	First Vice-President.	Baltimore, Md.
124	Smith, Richard.	Commercial-Gazette.	Editor.	Fourth and Race sts.
2704	Smith, Robert J.	The Charles Brown Grocery Co.	Wholesale Grocers.	49 W. Second st.
2542	Smith, Robert L.	Smith & Blair.	Merchandise Brokers.	85 W. Second st.
4	Smith, Thomas G.		Pig Iron, Commission.	11 Hammond Building.
3635	Smith, Thomas G., Jr.		Consulting & Contracting Engineer.	11 Hammond Building.
418	Smith, Wm. W.	Hill & Smith.	Wholesale Grocers.	45 Vine st.
2026	Smyrl, Adam	Smyrl, Armstrong & Hughes.	Commission, Flour.	59 W. Fourth st.
3408	Sneathen, William B.		Coal.	4 Public Landing.

* Deceased.

MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
.....	Snider, Henry J.	The Louis Snider's Sons Co.	Mfrs. and Dealers in Paper.	183 & 185 W. Fourth st
3208	Snowdon, C. L.	Snowdon & Hogg.	Coal.	Brownsville, Pa.
701	Sohn, J. Edward	J. G. Sohn & Co.	Brewers.	330 McMicken ave.
700	Sohn, William S.	J. G. Sohn & Co.	Brewers.	330 McMicken ave.
1646	Sohnen, C. E.	Chas. Sohnzen & Co.	Maltsters.	Hamilton, O.
3646	Sohnzen, George P.	Sohnzen Maltng Co.	Secretary and Treasurer.	Hamilton, O.
3627	Sohnzen, Paul L.	Sohnzen Maltng Co.	Barley.	123 W. Sixth st.
1732	Sommers, S.		Broker.	121 Clinton st.
3584	Spence, Thomas R.	Spence Bros. Co.	Manufacturers of Tobacco.	86-96 Sycamore st.
3603	Spiegel, Frederick S.	Bode & Spiegel.	Attorneys at Law.	Smith Building.
39	Spilman, Henry	with The J. H. Hermes Co.	Commission, Hay and Grain.	N. W. cor. Water & Walnut sts.
1661	Spilman, James	James Spilman & Co.	Groceries and Commission.	Covington, Ky.
1662	Spilman, Richard B.	James Spilman & Co.	Groceries and Commission.	Covington, Ky.
2353	Spinks, Harry	with Charles Spinks.	Book-keeper.	Newport, Ky.
3333	Spivey, Thomas S.	Victor Safe and Lock Co.	President.	Ninth and Broadway.
2157	Sprague, E. T.		Shirt Manufacturer.	7 Wiggins Block.
2487	Sprinkle, S. M.		Grain.	Mason, O.
3616	Squibb, William P.	W. P. Squibb & Co.	Disillers.	Lawrenceburg, Ind.
2823	Stacey, William	The Stacey Manufacturing Co.	Gas Works Builders.	39 Mill st.
175	Staley, L. A.		County Commissioner.	Court House.
641	*Stall, B. George			
3664	Stanley, A. O.		Merchandise Broker.	87 W. Second st.
3446	Stanley, Ethan B.		Salesman.	31 W. Pearl st.
755	Stanley, Horace J.	with Consolidated Tank Line Co.	Civil Engineer and Surveyor.	36 Carlisle Building.
1153	*Stanwood, Theodore.	First National Bank.		N. W. cor. Third and Walnut sts.
2319	Stark, Edgar	Lippelmann Carriage Co.	Treasurer.	428 Chest st.
2861	Starr, Alonzo G.	Mt. Adams & Eden Park Inclined Ry	Book-keeper.	N. W. cor. Fifth and Walnut sts.
1248	Stearns, Edwin R.	The Stearns & Foster Co.	Mfrs. of Wadding and Bating.	14 & 16 W. Canal st.
1307	*Stearns, George S.			
480	Stegeman, John H.	G. W. Robson, Jr. & Co	Distillers.	15 Sycamore st.
464	Steinau, A., Jr.		Diamonds and Jewelry.	N. W. cor. Fourth and Race sts.
819	Steinberg, Joel H.		Produce and Commission.	9 David st.
3682	Stem, Arthur	Stem & Allen	Attorneys at Law.	216 Main st.
1797	Stephens, Charles H.	Stephens, Lincoln & Smith.	Attorneys at Law.	First National Bank Building.
682	Stephens, Thomas J.	Stephens & Bro.	Glue Manufacturers.	Camp Washington, City.
2493	Stephens, Thomas J., Jr.	with Stephens & Bro.	Salesman.	73 Longworth st.
3047	Stephenson, Arthur.	Estate of Wm. Stephenson.	Executor.	100 W. Third st.
2332	Stephenson, R. B.	The Cincinnati Daily Bulletin	Proprietor.	N. E. cor. Third and Vine sts.
2159	Stern, Bernhard		Clothing and Woollens.	Cincinnati Union Stock Yards.
736	Stern, Jacob	Straus & Stern	Commission, Live Stock.	N. E. cor. Third and Vine sts.
2916	Stern, Louis			414 W. Ninth st.
2013	Sterne, Harry			538 & 540 Main st.
2100	Sterritt, George T.		Grocer.	

21	Stettinius, Henry	.....	Capitalist	158 E. Third st.
20	Stettinius, John L.	.....	Commission, Whisky	158 E. Third st.
129	Stevens, Edwin	.....	Books and Stationery	53 & 55 Sycamore st.
774	Stevens, George E.	.....	Commission	6 W. Fourth st.
2257	Stevens, S. J.	.....	Produce Commission	31 Walnut st.
733	Stevenson, G. V.	.....	Provisions, Flour and Grain	46 Walnut st.
3238	Stewart, A. E.	.....	Secretary	45 Walnut st.
311	Stewart, Charles	.....	(Civil Engineer)	S. W. cor. Elm and Fifth sts.
3129	Stewart, Charles, Jr.	.....	Flour Mill Machinery	35 Johnston Building.
3368	Stewart, James A.	.....	Coal Harbor	6 W. Fourth st.
703	Stewart, J. H.	.....	Secretary	Eighth and Evans sts.
1246	Stewart, Jacob R., <i>President</i>	.....	Fancy Groceries and Commission	Foot of Washington st.
3345	Stewart, William R.	.....	Wholesale Dry Goods	27 W. Third st.
3570	Stices, William L.	.....	Grain Brokerage and Commission	55 Walnut st.
1681	Stiles, Henry L.	.....	Clothing	101-105 W. Fourth st.
1682	Stiles, Timothy M.	.....	Dry Goods	N. E. cor. Fourth and Walnut.
857	Stinson, Earl W.	.....	Seed Dealers	135 Race st.
3253	Stimson, Fred. M.	.....	Telephone	S. W. cor. Third and Race sts.
2968	Stix, Henry	.....	Broker, Provisions and Oil	Blue Ash P. O., Ham. Co., O.
2969	Stix, Nathan	.....	Hardwood Lumber	49 Walnut st.
2968	Stokes, Henry C.	.....	Produce Commission	N. W. cor. Third and Walnut.
2164	Stokes, Thomas S.	.....	Attorney at Law	3 College Building.
2569	Stones, Horace G.	.....	Daily Market	Mitchell Building.
1748	Stone, George N., <i>Gen'l Manager</i>	.....	Mrs. of Tobacco and Lard Pails	Foot of Vine st.
280	Stone, John E.	.....	Commission, Live Stock	29 Walnut st.
250	Stone, Thomas B.	.....	Importer of Cigars	37 Wiggins Block.
402	Stone, William A.	.....	Wholesale Liquors	140 E. Pearl st.
2854	Stoner, R. S.	.....	Hardwood Lumber	2 Public Landing.
2036	Storer, Bellamy	.....	Book-keeper	Cincinnati Union Stock Yards.
2550	Story, George	.....	Cracker Baker	N. W. cor. Third and Vine sts.
1894	Stout, E. P.	.....	Picture Frames and Mouldings	62 W. Second st.
735	Straus, Henry	.....	President	Room "C" Chamber Com. Bldg.
3031	Straus, Ferdinand	.....	Coal, Lime and Cement	15 Sycamore st.
3121	Straight, John	.....	Lumber Dealer	146 W. Court st.
504	Stricker, Charles F.	.....	Electric Light	S. E. cor. Elm and Canal.
2872	Strietman, George H.	.....	Barley	124-132 W. Canal st.
1949	Strobel, L. A.	.....	Insurance	Cumminsville, City.
1987	Strobridge, Charles M.	.....	Insurance Agent	131 Hunt st.
2886	Strobridge, Hines	.....		264 W. Fourth st.
3472	Strong, E. H.	.....		123 W. Sixth st.
1200	Strong, Fred	.....		66 W. Third st.
1181	Stuart, Archibald	.....		66 W. Third st.
3396	Stuhr, D. H.	.....	
3425	Sturm, Isaac	.....	
1036	Sturm, Simon	.....	

* Deceased.

MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	Name.	Firm.	Business.	Location.
3690	Sullivan, George B.	Conner, Hughes & Crichton	Live Stock Commission.	Cincinnati Union Stock Yards.
1733	Sullivan, J. J.		Livery and Undertaking.	155 Central ave.
3571	Sullivan, John		Real Estate.	77 W. Third st.
1233	Sumner, William			Tolland, Conn.
2555	Sutherland, Grant G.			
961	Sutphin, I. V.		Paper Stock.	595-599 W. Fifth st.
2166	Sutton, W. W.		Dry Goods	81 E. Pearl st.
3494	Swain, Norman P.	Excelsior Laundry.	Secretary and Treasurer.	188 Walnut st.
642	*Swift, Alexander.			S. W. cor. Seventh and Freeman.
2907	Swift, John B., <i>Treasurer.</i>	The Eckstein White Lead Co.		534 W. Seventh st.
3547	Swift, Thomas T.		Leaf Tobacco.	105 W. Front st.
1824	Symmes, A. L.	Globe Tobacco Warehouse		
371	Taft, Charles P., <i>President.</i>	Cincinnati Times-Star Co.		230 Walnut st.
2894	Taft, Samuel H.		Lumber Dealer.	474 Central ave.
908	Talbott, John L.	Commercial Bank.	Clerk.	132 Main st.
2946	Talbott, W. O.			Denver, Col.
3572	Tallant, Alexander Q.	Chicago & Northwestern R. R.	General Agent.	27 W. Fourth st.
739	Taylor, George H., <i>Vice-President.</i>	Taylor & Faulkner Mfg. Co.		91 Main st.
3548	Taylor, J. Gordon.	Eagle White Lead Co.	Secretary	20-26 Spring st.
50	Taylor, S. Lester.	Taylor & Bro.	Commission.	80 Race st.
3302	Taylor, Walter A.	Joseph Taylor & Co.	Wholesale Grocers.	939 Central ave.
51	Taylor, William W.	Rookwood Pottery	Manager.	297 Eastern ave.
512	Teepen, Herman.		Distiller.	246 State ave.
2779	Tharp, Willis P.		Superintendent, City Water-works.	N. E. cor. Seventh and Plum sts.
640	Thomas, J. C.		Real Estate Broker.	N. W. cor. Fifth and Vine sts.
2168	Thomas, Samuel C.			
3349	Thompson, Charles F.	The Lane & Bodley Co.	Secretary and Treasurer.	John & Water sts.
3294	*Thompson, George K.	F. A. Laidley & Co.	Pork Packers.	61 Water st.
149	Thompson, M. D.	Thonus & Breneman.	Pork Packers.	N. E. cor. Ninth and Sycamore.
741	Thoms, J. C.	L. B. Thoms & Co.	Carpets and Oil Cloths.	138 & 140 W. Fourth st.
1205	Thoms, L. B.	W. F. Thorne & Co.	Mfrs. & Dealers in Boots and Shoes.	87 W. Pearl st.
1325	Thorne, W. F.	with J. G. Sohn & Co.		330 McMicken ave.
3250	*Thorne, William H.			
896	Thornor, Justus.		Accident Insurance.	Neave Building.
3622	Thornton, William S.	Washington Life Insurance Co.	General Agent.	Carew Building.
3041	Thrall, W. R.		Real Estate Broker.	25 Johnston Building.
2591	Thrasher, D. W.	Goldman, Thurnauer & Co.	Manufacturers of Clothing.	152-156 W. Third st.
3665	Thurnauer, Charles M.		Weigh Master.	Big Four Elevator.
3051	Tighe, Patrick.	Lasier, Timberlake & Co.	Grain.	6 Sherman st., Chicago, Ill.
585	Timberlake, W. M.			

MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
1107	Vogel, Jacob, Jr.	Jacob Vogel & Son.	Pork Packers.	240-252 Colerain ave.
1267	Von Borgen, William	Von Borgen & Francke.	Commission.	33 Walnut st.
1283	Vonderahle, G. H.	D. Hoppe & Co.	Commission, Produce	25 Walnut st.
3647	Von Holle, Joseph.	Von Holle Bros.	Flour and Feed Mills.	Queen City and Harrison aves.
2669	Von Holle, Theodore.	Von Holle Bros.	Flour and Feed Mills.	Queen City and Harrison aves.
1866	Voorhees, S. R.	S. R. Voorhees & Co.	Grain, Commission.	50 Chamber of Commerce Bldg.
3444	Voorheis, Albert B.	Voorheis, Miller & Co.	Manufacturers of Clothing.	N. W. cor. Third and Race sts.
2270	Vos, August.	with Heidelberg, Freidlander & Co.	Book-keeper.	129 W. Third st.
2798	Voss, Henry W.	H. W. Voss & Co.	Commission, Whisky.	N. E. cor. Pearl and Main sts.
3181	Wachman, D.	The Victoria Cordage Co.	Real Estate and Note Brokers.	49 W. Third st.
2485	Wade, Frank J.	Lepper, Wade & Co.	Real Estate and Note Brokers.	59 W. Third st.
2434	Wagner, Henry	Queen City Oil Co.	Oils.	65 E. Front st.
3323	Walker, Cliff S.	C. H. & D. R. R. Co.	Traveling Freight Agent.	200 W. Fourth st.
1749	Walker, W. P., Jr., Agent.	Chesapeake & Ohio Ry. Co.	Traffic Manager.	Big Four Office Building.
2271	Wallace, Charles G.	Wallace & Goodman.	Attorney at Law.	Covington, Ky.
963	Wallace, James B.	Wallace & Goodman.	Real Estate.	58 W. Third st.
1273	Wallace, Samuel	Wallace & Goodman.	Drying and Teaming	105 & 107 E. Sixth st.
2029	Wallace, Wm. C.	Wallace, Wm. C.	Clerk.	31 W. Pearl st.
3096	Walmer, Charles	Walmer, Charles	Coal Harbor.	Ludlow, Ky.
825	Walsh, Dennis F.	James Walsh & Co.	Distillers.	3 Pike's Building.
823	Walsh, James	James Walsh & Co.	Distillers.	3 Pike's Building.
1887	Walsh, Nicholas J.	Joseph Walton & Co.	Coal.	Pittsburgh, Pa.
2953	Walton, Joseph	Walton Iron Co.	Architectural Iron Work.	45 Johnston Building.
2015	Walton, J. F.	M. Bare & Co.	Commission, Cordage, Sheet, etc.	75 Walnut st.
1342	Ward, George W.	Ward, George W.	Commission, Cordage, Sheet, etc.	75 Walnut st.
1888	Warden, Wm. W., Jr.	Warden, Wm. W., Jr.	Commission, Cordage, Sheet, etc.	75 Walnut st.
399	Warder, R. H.	Warder, R. H.	Commission, Cordage, Sheet, etc.	75 Walnut st.
2073	Warner, A. M.	Warner, A. M.	Commission, Cordage, Sheet, etc.	75 Walnut st.
24	*Warner, L. E.	Warner, L. E.	Commission, Cordage, Sheet, etc.	75 Walnut st.
2704	Warren, W. R.	Warren-Scharf Asphalt Paving Co.	Attorney at Law.	48 Johnston Building.
1879	Warrington, J. W.	Paxton & Warrington.	Attorney at Law.	77 Johnston Building.
2273	Warth, Marcus	Paxton & Warrington.	Vice-President.	Blymyer Building.
3100	Warwick, Newton R.	Missouri Pacific Railroad.	Attorneys at Law.	United Bank Building.
3628	Washington, Marshall P.	Nickle Plate Line.	Transfer.	Pearl and Race sts.
3316	Washington, G. R.	The Wine and Spirit Bulletin.	Passenger Agent.	131 Vine st.
278	Washington, W. H.	with J. W. Sibley & Co.	Freight Agent.	56 W. Fourth st.
3263	Wasson, A. M. L.	Wasson & Co.	Journalist.	Louisville, Ky.
621	Wasson, B. W.	Wasson & Co.	Fire and Marine Insurance.	40 Walnut st.
1750	Wasson, James G.	Wasson & Co.	Commission, Grain.	82 W. Third st.
1806	*Waters, Wm. H.	Wasson & Co.	Commission, Grain.	51 Chamber of Commerce Bldg.
3479	Watts, Miles T.	with the Gaff Estate.	Book-keeper.	51 Chamber of Commerce Bldg.

2589	Wayne, Joseph W.	The Wayne-Rattermann Co.	Manufacturer of Refrigerators	124 Main st.
1854	Wayne, J. S.	The Wayne-Rattermann Co.	Leaf Tobacco	122-126 W. Front st.
3504	Weatherhead, Robert H.	Weatherhead & Co.	Druggists	Sixth and Vine sts.
1628	Weaver, C. W.	Schmidt & Weber	Commission, Grain	32 Water st.
2988	Weber, Charles	H. Weber & Co.	Brewer	363 Main st.
2707	Weber, George	The Sam. W. Weidler Co.	Feed and Grain	Ohio ave., Corryville, City.
945	Weber, Henry	Western German Bank	Commission, Flour and Feed	Cummins ville, City.
391	Weidler, Samuel W.	Herancourt Brewing Co.	President	92 & 94 Carr st.
1899	Weil, Edward	Weil, Cannon & Co.	Commission	Vine and Twelfth sts.
2890	Weil, Frank	Weil, Cannon & Co.	Commission	Harrison ave.
2929	Weil, Meyer	Weil, Cannon & Co.	Commission	26 W. Front st.
3001	Weil, Samuel, Jr.	Weir Frog Co.	President	26 W. Front st.
3017	Weir, Fred. C.	Adams Express Co.	Engraver	Front, Smith and Water sta.
975	Weir, L. C., <i>Superintendent</i>	L. Weiskopf & Co.	Liquors	67 W. Fourth st.
3070	Weiskopf, H. W.	The J. Weller Co.	Dry Goods Commission	S. E. cor. Fifth and Walnut sts.
2437	Weiskopf, Levi	Carlisle Coal Co.	Commission	14 E. Pearl st.
2275	Weiss, Bernhard	Cincinnati Tin and Japan Co.		236 W. Fourth st.
866	Weller, Jacob	Samuel Wells & Co.		S. E. cor. Vine and Water sts.
379	Wellington, J. F.	P. C. & St. L. Ry. Co.		
3519	Wellman, Herman H.	M. Werk & Co.		
2030	Wells, H. B.	M. Werk & Co.		
948	Wells, Samuel	The John Hauck Brewing Co.		
965	Weply, Jno. W., <i>Contracting Agt.</i>			
964	Werk, Casimer			
2287	Werk, Michael			
3612	Werner, Fred. J.			
3437	Werner, Louis			
1622	Wess, John G.			
1226	Wessel, Augustus			
1227	West, Robert H.	Long & West		
997	Wetterer, Ferdinand J.	Germania Brewing Co.		
1040	Wetterer, John	Germania Brewing Co.		
3044	Whetstone, H. C.			
1238	Whetstone, John L.			
3586	White, Albert S.	C. C. C. & St. L. Ry.		
3244	White, Alfred	Missouri Pacific Ry.		
3553	White, Alvin S.	Cin., Jackson & Mackinaw R. R.		
3416	White, Burton R.	D. A. White & Co.		
1163	White, David A.			
1404	White, G. G.			
1816	White, John	Fourth National Bank		
1052	White, M. M., <i>President</i>			
1434	White, Peter A.	Brooks, Waterfield & Co.		
3038	Whiteman, William H.			
2062	Whitmore, J. D.			

* Deceased.

MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
2280	Whittaker, H. S.	H. S. Whittaker & Co.	Commission.	34 Chamber of Commerce Bldg.
1939	Wibore, Frank B.	Ault & Wiborg.	Printing Inks, etc.	52-60 New st.
3231	Wiborg, H. P.	Wiborg, Hanna & Co.	Hardwood Lumber.	Gest st. and Dalton ave.
677	Widrig, T. A.	T. A. Widrig & Co.	Flour, Feed and Grain.	Newport, Ky.
3671	Wiedemann, Charles.	George Wiedemann Brewing Co.	Book-keeper.	Newport, Ky.
2172	Wieman, B. R.	with Herman Lackman Brewing Co.	Inspector and Gauger of Liquors.	525 W. Sixth st.
3090	Wiethoff, Henry R.	Wiedemann, Charles.	Fire Insurance.	26 E. Second st.
2455	Wiggins, O. J.	Kushman, Wiggins & Co.	Commission.	Covington, Ky.
3427	Wiggins, T. P.	C. R. Wild & Co.	Coal, Lime & Cement.	19 W. Front st.
2539	Wild, Charles R.		Attorney at Law.	Cummins ville, City.
848	Wilder, Josiah			64 W. Third st.
472	Wilder, S. H.			Bethany, O.
1644	Wile, Luke			63 W. Canal st.
1197	Wilkinson, J. H.			Hanging Rock, O.
1826	Wilkymack, Henry	Means, Kyle & Co.	Pork Packer.	90 Longworth st.
1829	Willard, E. B.	Williams & Co.	Iron and Coal.	
2278	Williams, A. V.		Directory Publishers.	
974	* Williams, Chas. P.			
2428	* Williams, E. Cort			
3306	Williams, Edward H.	Union Mutual Fire Insurance Co.	Secretary.	45 Pike's Building.
236	Williams, Horace S.	H. S. Williams & Co.	Commission.	3 W. Front st.
1581	Williams, Israel	H. P. Deucher & Co.	Maltsters.	Hamilton, O.
3151	Williams, James H.	Licking Coal and Tow-boat Co.	Superintendent.	Foot of Walnut st.
3683	Williams, Joseph P.		Commission.	42 Kemper st., Walnut Hills.
2819	Williams, S. T.		Consulting Accountant.	Detroit, Mich.
632	Williamson, Augustine E.	Kyle & Williamson.	Grain and Live Stock.	Bethany, O.
3465	Williamson, Frank		Grain.	Monroe, Butler Co., O.
140	Williamson, John A.	Newport Street Railway Co.	President.	Newport, Ky.
3468	Williamson, Lawrence	South Cov. & Cin. Street Ry. Co.	Clerk.	Newport, Ky.
1280	Williamson, William R.			Dublin, O.
3331	Wilson, William D.		Miller and Banker.	Osgood, Ind.
1055	Wilmer, Bernard.	Wilmer & Bismeyer.	Feed Store.	711 & 713 Vine st.
3509	Wishire, George P.		President.	82 W. Third St.
84	Wishire, Joseph W.	Arctic Ice Co.	Insurance Agent.	Walnut Hills, City.
2470	Wilson, Adam B.		Wholesale Grocers.	76 W. Third st.
750	Wilson, Benjamin C.	The Shinkle, Wilson & Kreis Co.	Wholesale Grocers.	S. E. cor. Front and Vine sts.
749	Wilson, Chas. E.	The Shinkle, Wilson & Kreis Co.	Wholesale Grocers.	S. E. cor. Front and Vine sts.
3484	Wilson, E. P.	Cincinnati Freight Bureau.	Commissioner.	Room "A" Chamber Com. Bldg.
2345	Wilson, Thomas J.	with Geo. W. Hill & Co.	Salesman.	Covington, Ky.
3508	Windisch, Charles F.	Windisch-Muhlhauser Brewing Co.		Plum and Liberty sts.
1152	Windsch, Charles F.	First National Bank		N. W. cor. Third and Walnut.
1792	Winston, David A.	with Joseph Good & Co.	Grain.	Mitchell Building.
2173	Winter, Geo. W.		Leaf Tobacco Dealer.	98 W. Front st.

3495	Winzig, Anton.....	Wipperfloog Bros.....	Coal, Flour and Feed.....	Bellevue, Ky. 144 & 146 W. Liberty st.
3311	Wipperfloog, Adolph.....	Memphis & Cincinnati Packet Co.....	Commission, Flour.....	11 & 12 Public Landing. Chamber of Commerce.
1964	Wisser, Robt. W.....	The Witt Cornice Co.....	Superintendent.....	Eight and Broadway.
2661	Wisser, Gustav G.....		Reporter.....	
3555	Witt, George C.....		President.....	
1208	*Witt, Reinhold.....			
2721	Wittenfeld, August.....			
1316	Woestgen, John.....			
2597	Wolf, Abraham I.....			
11	Wolf, Joseph H.....			
1156	Wolff, Nicholas.....	N. Wolff & Co.....	Wines and Liquors.....	176 Vine st.
2847	Wolter, Henry.....	Henry Wolff & Co.....	Provision Broker.....	23 Johnston Building. Room 5, N. W. cor. 6th & Walnut
234	Wood, Adolph.....	Canal Elevator and Warehouse Co.....	Groceries, Feed, etc.....	983-997 Central ave.
3060	Wood, Albert G.....	Pacific Coal Co.....	Brewers Supplies.....	339 Walnut st.
3209	Wood, T. J.....	Pacific Coal Co.....	Commission.....	21 Walnut st.
3132	Wood, William J.....	C. H. & D. R. Co.....	President.....	Court and Broadway.
3376	Woodruff, M. D.....	H. W. Woodruff & Co.....	Coal.....	Pittsburgh, Pa.
3538	Woodruff, Horace W.....	The Chatfield & Woods Co.....	Stock Brokers.....	Pittsburgh, Pa.
1470	Woods, John S.....	Cincinnati Storage and Lumber Co.....	Paper Dealers.....	200 W. Fourth st.
1469	Woods, William.....	J. N. Wooliscroft & Co.....	Manager.....	25 W. Fourth st.
2741	Woodworth, Thomas H.....		Grain Commission.....	25 W. Fourth st.
582	Woolley, C. W.....		Capitalist.....	48 Chamber of Commerce Bldg. N. E. cor. Fourth and Race sts.
476	Workum, David J., Jr.....	with Freiberg & Workum.....	Attorney at Law.....	79 Pike st.
2467	Workum, Ezekiel L.....	with Freiberg & Workum.....	Clerk.....	United Bank Building.
1665	Workum, Jeptha L.....	W. E. Worth & Co.....	Superintendent.....	28 & 30 Main st.
2174	Worth, William E.....	Worthington & Co.....	Ice Works and Cold Storage.....	28 & 30 Main st.
867	Worthington, Henry.....		Tobacco Commission.....	Wilmington, N. C.
1180	Worthington, L. N.....		Physician.....	9 Masonic Temple.
13	Worthington, William.....		Attorney at Law.....	College Hill, O.
3609	Wrenn, A. S.....	A. S. Wrenn & Sons.....	Commission, Flour and Grain.....	27 Wiggins Block.
244	Wrenn, Thomas A.....	Ohio Valley National Bank.....	Commission, Flour and Grain.....	1 Chamber of Commerce Bldg.
245	Wright, Clifford B.....	Cincinnati Enquirer.....	Vice-President.....	1 Chamber of Commerce Bldg.
1058	Wright, F. A.....	Israel Wright & Bro.....	Real Estate Broker.....	73 W. Third st.
953	Wright, Frank B.....	Dorsel & Wulftange.....	Reporter.....	Allen Bldg., Fifth and Main sts.
3378	Wright, Israel.....	D. H. Baldwin & Co.....	Millers.....	247 Vine st.
2281	Wulftange, Frank.....	Wyler, Ackerman & Co.....	Distillers.....	Waynesville, O.
835	Wulsin, Drausin.....	Samuel Wymond Coopers Co.....	Attorney at Law.....	Covington, Ky.
3286	Wulsin, Lucien.....		Pianos and Organs.....	25 Wiggins Block.
940	Wyler, Louis.....		Wholesale Clothing.....	158 W. Fourth st.
3451	Wymond, Randall J.....			S. W. cor. Fourth and Race sts.
2568				Aurora, Ind.
1722	Yergason, H. C.....	Merchants' National Bank.....	Vice-President.....	75 W. Third st.
1737	Young, Chris. G.....		Steamboat Captain.....	11 & 12 Public Landing.

* Deceased.

MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
446	Young, H. C.			Paris, France.
933	Youtsey, T. B.	First National Bank.	Cashier	Newport, Ky.
2283	Zachritz, Chas. T.		Live Stock Commission.	Cincinnati Union Stock Yards.
2594	Zehler, George.	The Geo. Zehler Provision Co.	Flour, Lard and Sult.	37 Logan st.
3568	Ziegle, Louis E.	The John Van Range Co.	President.	169 Elm st.
3141	Ziegler, Henry M.		City Treasurer.	City Buildings.
218	Zimmerman, Eugene.	C. H. & D. R. R. Co.	Vice-President.	200 W. Fourth st.
2588	Zimmerman, T. W.	The Burnet House Co.	Vice-President and General Manager	Third and Vine sts.
3517	Zunstein, Frank C.		Clerk.	Post-office Building.
3119	Zunstein, John.		Postmaster.	Post-office Building.
3677	Zwickel, Christian.	with Albert Schwill & Co.	Malsters.	184 McMicken ave.

HONORARY MEMBERS.

Names.	When Elected.
HENRY PROBASCO.....	1871
*MILES GREENWOOD.....	1873
DAVID SINTON.....	1875
†REUBEN R. SPRINGER.....	1876
‡JAMES F. TORRENCE.....	1877
§CHARLES W. WEST.....	1879
||WILLIAM PROCTER.....	1880
°JOSEPH LONGWORTH.....	1881
JOHN SHERMAN.....	1883
**WILLIAM GLENN.....	1884
††GEORGE H. PENDLETON.....	1886
‡‡JOSEPH RAWSON.....	1887
HENRY C. URNER.....	1888
‡‡SAMUEL F. COVINGTON.....	1889
JOHN A. GANO.....	1890
CHARLES DAVIS.....	1891

* Died November 6, 1885.

† Died December 10, 1884.

‡ Died September 28, 1887.

§ Died September 21, 1884.

|| Died April 4, 1884.

° Died December 30, 1883.

** Died July 17, 1887.

†† Died November 24, 1889.

‡‡ Died December 26, 1889.

§§ Died November 15, 1891.

John R. Morton.

*Born: August 22, 1816,
at Hatboro, Pa., a suburb of Philadelphia.*

*Died: November 4, 1891,
at the residence of his son-in-law, Mr. Robert A. Dykins,
Mt. Auburn, Cincinnati, Ohio.*

Mr. Morton entered the service of the Chamber of Commerce, November 6, 1869, in the capacity of Clerk, a position which he held continuously until his death. Of this service the following extract is quoted from the Memorial adopted by the Chamber of Commerce, November 10, 1891, recorded on pages 215 and 216 of the Record:

"As Clerk of the Chamber of Commerce, JOHN R. MORTON proved himself worthy, in the highest degree, of every trust and confidence. His service throughout was one of intelligence and discretion, of fidelity and of promptitude. He was eminently painstaking, scrutinizing, and watchful in every way concerning the affairs and interests of the organization. His service was peculiarly valuable during the period of many years in which the Chamber of Commerce had surplus funds for investment—his rare judgment in these matters securing to the treasury of the Association considerable amounts that otherwise would not have been secured."

In Memoriam.

MAX. FLEISCHMANN,	. . .	Aged 44.	Died September	1, 1890
WILLIAM W. HIGBEE,	. . .	" 73.	" September	28, 1890
A. D. BULLOCK,	. . .	" 67.	" October	3, 1890
JAMES S. WISE,	. . .	" 60.	" October	28, 1890
BRIGGS SWIFT,	. . .	" 79.	" October	28, 1890
JULIUS MOSLER,	. . .	" 42.	" November	1, 1890
GEORGE SHILLITO, JR.,	. . .	" 54.	" November	2, 1890
JOHN W. KIRK,	. . .	" 40.	" November	5, 1890
WILLIAM D. MUNDALL,	. . .	" 64.	" November	8, 1890
A. D. McPHERSON,	. . .	" 58.	" November	17, 1890
JAMES R. WILLIAMSON,	. . .	" 47.	" December	12, 1890
SETH EVANS,	. . .	" 73.	" December	13, 1890
JOSEPH F. MILLS,	. . .	" 71.	" December	18, 1890
CHARLES STEWART,	. . .	" 77.	" December	23, 1890
WILLIAM H. GILPIN,	. . .	" 76.	" January	2, 1891
JAMES HUNTER,	. . .	" 66.	" January	25, 1891
EDWARD B. CROW,	. . .	" 34.	" February	28, 1891
JOSEPH H. ROGERS,	. . .	" 74.	" March	4, 1891
L. H. McCAMMON,	. . .	" 41.	" March	24, 1891
WILLIAM H. WATERS,	. . .	" 68.	" April	2, 1891
JACOB BURNET, JR.,	. . .	" 61.	" April	4, 1891
THOMAS H. FOULDS,	. . .	" 62.	" April	11, 1891
ROBERT HAMILTON,	. . .	" 54.	" April	23, 1891
HENRY SCHMIDT,	. . .	" 52.	" May	10, 1891
L. M. DAYTON,	. . .	" 56.	" May	18, 1891
ALEXANDER SWIFT,	. . .	" 77.	" May	23, 1891
CHARLES W. GETTIER,	. . .	" 34.	" June	8, 1891
JOSEPH DURRELL,	. . .	" 68.	" August	18, 1891
GEORGE MOERLEIN,	. . .	" 39.	" August	31, 1891

CALENDARS FOR FOUR YEARS.

1889	Sund.	Mon.	Tues.	Wed.	Thur.	Frid.	Satur.	1889	Sund.	Mon.	Tues.	Wed.	Thur.	Frid.	Satur.	1890	Sund.	Mon.	Tues.	Wed.	Thur.	Frid.	Satur.	1890	Sund.	Mon.	Tues.	Wed.	Thur.	Frid.	Satur.
Jan.	6	7	8	9	10	11	12	July	7	8	9	10	11	12	13	Jan.	5	6	7	8	9	10	11	July	6	7	8	9	10	11	12
13	14	15	16	17	18	19	20	14	15	16	17	18	19	20	21	Feb.	12	13	14	15	16	17	18	Aug.	13	14	15	16	17	18	19
21	22	23	24	25	26	27	28	22	23	24	25	26	27	28	29	26	27	28	29	30	31	1	27	28	29	30	31	1	2		
Feb.	3	4	5	6	7	8	9	Aug.	4	5	6	7	8	9	10	Feb.	2	3	4	5	6	7	8	Aug.	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	11	12	13	14	15	16	17	18	9	10	11	12	13	14	15	10	11	12	13	14	15	16		
18	19	20	21	22	23	24	25	18	19	20	21	22	23	24	25	16	17	18	19	20	21	22	17	18	19	20	21	22	23		
24	25	26	27	28	29	30	31	25	26	27	28	29	30	31	1	23	24	25	26	27	28	29	31	24	25	26	27	28	29	30	
Mar.	3	4	5	6	7	8	9	Sept.	1	2	3	4	5	6	7	Mar.	2	3	4	5	6	7	8	Sept.	1	2	3	4	5	6	7
10	11	12	13	14	15	16	17	8	9	10	11	12	13	14	15	2	3	4	5	6	7	8	7	8	9	10	11	12	13		
18	19	20	21	22	23	24	25	15	16	17	18	19	20	21	22	9	10	11	12	13	14	15	10	11	12	13	14	15	16		
24	25	26	27	28	29	30	31	22	23	24	25	26	27	28	29	16	17	18	19	20	21	22	21	22	23	24	25	26	27		
31	1	2	3	4	5	6	7	29	30	1	2	3	4	5	6	23	24	25	26	27	28	29	28	29	30	31	1	2	3	4	
April	7	8	9	10	11	12	13	Oct.	6	7	8	9	10	11	12	April	6	7	8	9	10	11	12	Oct.	5	6	7	8	9	10	11
14	15	16	17	18	19	20	21	13	14	15	16	17	18	19	20	13	14	15	16	17	18	19	12	13	14	15	16	17	18		
21	22	23	24	25	26	27	28	20	21	22	23	24	25	26	27	20	21	22	23	24	25	26	19	20	21	22	23	24	25		
28	29	30	1	2	3	4	5	27	28	29	30	31	1	2	3	27	28	29	30	31	1	2	26	27	28	29	30	31	1	2	
May	5	6	7	8	9	10	11	Nov.	3	4	5	6	7	8	9	May	4	5	6	7	8	9	10	Nov.	2	3	4	5	6	7	8
12	13	14	15	16	17	18	19	10	11	12	13	14	15	16	17	4	5	6	7	8	9	10	9	10	11	12	13	14	15		
19	20	21	22	23	24	25	26	17	18	19	20	21	22	23	24	18	19	20	21	22	23	24	16	17	18	19	20	21	22		
26	27	28	29	30	31	1	2	24	25	26	27	28	29	30	31	25	26	27	28	29	30	31	23	24	25	26	27	28	29		
June	2	3	4	5	6	7	8	Dec.	1	2	3	4	5	6	7	June	1	2	3	4	5	6	7	Dec.	30	1	2	3	4	5	6
9	10	11	12	13	14	15	16	8	9	10	11	12	13	14	15	8	9	10	11	12	13	14	7	8	9	10	11	12	13		
16	17	18	19	20	21	22	23	15	16	17	18	19	20	21	22	15	16	17	18	19	20	21	14	15	16	17	18	19	20		
23	24	25	26	27	28	29	30	22	23	24	25	26	27	28	29	22	23	24	25	26	27	28	21	22	23	24	25	26	27		
30	1	2	3	4	5	6	7	29	30	31	1	2	3	4	5	29	30	31	1	2	3	4	20	21	22	23	24	25	26	27	
1891	Sund.	Mon.	Tues.	Wed.	Thur.	Frid.	Satur.	1891	Sund.	Mon.	Tues.	Wed.	Thur.	Frid.	Satur.	1892	Sund.	Mon.	Tues.	Wed.	Thur.	Frid.	Satur.	1892	Sund.	Mon.	Tues.	Wed.	Thur.	Frid.	Satur.
Jan.	4	5	6	7	8	9	10	July	5	6	7	8	9	10	11	Jan.	3	4	5	6	7	8	9	July	3	4	5	6	7	8	9
11	12	13	14	15	16	17	18	12	13	14	15	16	17	18	19	10	11	12	13	14	15	16	10	11	12	13	14	15	16		
18	19	20	21	22	23	24	25	19	20	21	22	23	24	25	26	17	18	19	20	21	22	23	17	18	19	20	21	22	23		
25	26	27	28	29	30	31	1	26	27	28	29	30	31	1	2	24	25	26	27	28	29	30	24	25	26	27	28	29	30		
Feb.	1	2	3	4	5	6	7	Aug.	2	3	4	5	6	7	8	Feb.	1	2	3	4	5	6	7	Aug.	1	2	3	4	5	6	7
8	9	10	11	12	13	14	15	9	10	11	12	13	14	15	16	7	8	9	10	11	12	13	6	7	8	9	10	11	12		
15	16	17	18	19	20	21	22	16	17	18	19	20	21	22	23	14	15	16	17	18	19	20	14	15	16	17	18	19	20		
22	23	24	25	26	27	28	29	23	24	25	26	27	28	29	30	21	22	23	24	25	26	27	21	22	23	24	25	26	27		
29	30	31	1	2	3	4	5	30	31	1	2	3	4	5	6	28	29	30	31	1	2	3	28	29	30	31	1	2	3	4	
Mar.	8	9	10	11	12	13	14	Sept.	6	7	8	9	10	11	12	Mar.	6	7	8	9	10	11	12	Sept.	4	5	6	7	8	9	10
15	16	17	18	19	20	21	22	13	14	15	16	17	18	19	20	11	12	13	14	15	16	17	11	12	13	14	15	16	17		
22	23	24	25	26	27	28	29	20	21	22	23	24	25	26	27	18	19	20	21	22	23	24	18	19	20	21	22	23	24		
29	30	31	1	2	3	4	5	27	28	29	30	31	1	2	3	27	28	29	30	31	1	2	25	26	27	28	29	30	31		
April	5	6	7	8	9	10	11	Oct.	4	5	6	7	8	9	10	April	3	4	5	6	7	8	9	Oct.	2	3	4	5	6	7	8
12	13	14	15	16	17	18	19	11	12	13	14	15	16	17	18	10	11	12	13	14	15	16	9	10	11	12	13	14	15		
19	20	21	22	23	24	25	26	18	19	20	21	22	23	24	25	17	18	19	20	21	22	23	16	17	18	19	20	21	22		
26	27	28	29	30	1	2	3	25	26	27	28	29	30	31	1	24	25	26	27	28	29	30	23	24	25	26	27	28	29		
May	3	4	5	6	7	8	9	Nov.	1	2	3	4	5	6	7	May	1	2	3	4	5	6	7	Nov.	30	1	2	3	4	5	6
10	11	12	13	14	15	16	17	8	9	10	11	12	13	14	15	8	9	10	11	12	13	14	6	7	8	9	10	11	12		
17	18	19	20	21	22	23	24	15	16	17	18	19	20	21	22	15	16	17	18	19	20	21	13	14	15	16	17	18	19		
24	25	26	27	28	29	30	31	22	23	24	25	26	27	28	29	22	23	24	25	26	27	28	20	21	22	23	24	25	26		
31	1	2	3	4	5	6	7	29	30	31	1	2	3	4	5	29	30	31	1	2	3	4	27	28	29	30	31	1	2	3	
June	7	8	9	10	11	12	13	Dec.	6	7	8	9	10	11	12	June	5	6	7	8	9	10	11	Dec.	4	5	6	7	8	9	10
14	15	16	17	18	19	20	21	13	14	15	16	17	18	19	20	12	13	14	15	16	17	18	11	12	13	14	15	16	17		
21	22	23	24	25	26	27	28	20	21	22	23	24	25	26	27	19	20	21	22	23	24	25	18	19	20	21	22	23	24		
28	29	30	1	2	3	4	5	27	28	29	30	31	1	2	3	26	27	28	29	30	31	1	25	26	27	28	29	30	31		

